Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023901.D
Acq On : 02 Feb 2023 12:46
Operator : CG/JU
Sample : 01362-13MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4488MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 01:16:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 02:10:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	149779	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	525960	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	293271	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	766944	20.000	ng/ul	0.02
79) Chrysene-d12	21.445	240	52468	20.000	ng/ul	# 0.00
88) Perylene-d12	23.880	264	591294	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19323	5.207	ng/uL	0.00
4) Pyridine-d5	3.664	84	276691	26.685	ng/ul	0.00
7) Phenol-d5	7.028	99	403646	30.861	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	249696	30.208	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	334131	32.672	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	297641	28.686	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	154738	36.261	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	168843	34.774	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	303340	33.458	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	338298	27.352	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	711325	30.380	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	844645	33.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	116374	27.415	ng/ul	0.00
60) Fluorene-d10	15.504	176	552527	28.149	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	81537m	15.024	ng/ul	0.14
73) Anthracene-d10	17.375	188	837716	23.462	ng/ul	0.02
81) Pyrene-d10	19.651	212	992064	311.433	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1020132	33.241	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	44140	11.547	ng/uL#	86
5) Pyridine	3.687	79	313416	30.082	ng/ul	94
6) Benzaldehyde	6.993	77	260562	45.814	ng/ul	95
8) Phenol	7.052	94	434489	33.044	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	345680	32.269	ng/ul	100
12) 2-Chlorophenol	7.417	128	357955	34.588	ng/ul	99
13) 2-Methylphenol	8.311	108	314497	31.524	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	414309	30.287	ng/ul	98
16) Acetophenone	8.687	105	505477	31.456	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	257648	29.207	ng/ul	97
18) 4-Methylphenol	8.640	108	328893	30.435	ng/ul	98
19) Hexachloroethane	8.934	117	156750	36.165	ng/ul	100
22) Nitrobenzene	9.069	77	393859	36.765	ng/ul	99
23) Isophorone	9.593	82	678347	33.549	ng/ul	99
25) 2-Nitrophenol	9.775	139	188569	37.398	ng/ul	98
26) 2,4-Dimethylphenol	9.846	107	356437	35.697	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	418977	33.918	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	308152	35.222	ng/ul	100
30) Naphthalene	10.710	128	1043888	36.648	ng/ul	99
32) 4-Chloroaniline	10.834	127	321398	26.109	ng/ul	99
33) Hexachlorobutadiene	10.993	225	234957	38.325	ng/ul	99
34) Caprolactam	11.622	113	80794	29.553	ng/ul	96
35) 4-Chloro-3-methylphenol	11.963	107	284192	30.305	ng/ul	99
36) 2-Methylnaphthalene	12.328	142	650157	33.592	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023901.D
Acq On : 02 Feb 2023 12:46
Operator : CG/JU
Sample : 01362-13MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 01:16:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 02:10:45 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4488MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	648022	32.727	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	380354	37.746	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	239055	32.951	ng/ul	99
41) 2,4,6-Trichlorophenol	12.940	196	240176	36.124	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	249345	34.624	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	2490318	107.757	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	622454	34.615	ng/ul	97
45) 2-Nitroaniline	13.593	65	177609	32.894	ng/ul	99
47) Dimethylphthalate	13.969	163	743212	31.984	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	150092	32.579	ng/ul	98
50) Acenaphthylene	14.228	152	926771	34.068	ng/ul	100
51) 3-Nitroaniline	14.422	138	140174	33.801	ng/ul	94
52) Acenaphthene	14.569	153	686142	36.334	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	77149m	23.822	ng/ul	
55) 4-Nitrophenol	14.740	109	108259	29.999	ng/ul	98
56) Dibenzofuran	14.904	168	876995	32.554	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	209408m	32.127	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.134	232	199866	31.120	ng/ul#	97
59) Diethylphthalate	15.387	149	695409m	30.118	ng/ul	
61) Fluorene	15.563	166	2941125	133.498	ng/ul#	43
62) 4-Chlorophenyl-phenyle...	15.563	204	309549	26.783	ng/ul#	77
63) 4-Nitroaniline	15.657	138	138330m	36.752	ng/ul	
68) 4-Bromophenyl-phenylether	16.475	248	220646	24.564	ng/ul	96
69) Hexachlorobenzene	16.598	284	248954	23.990	ng/ul	92
70) Atrazine	16.734	200	212396	23.870	ng/ul	96
71) Pentachlorophenol	16.922	266	157681	23.732	ng/ul	99
72) Phenanthrene	17.316	178	1001895	24.256	ng/ul	99
74) Anthracene	17.410	178	1011064	24.559	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.304	216	360740	30.572	ng/uL	97
76) Pentachlorobenzene	14.822	250	326271	27.727	ng/uL	97
77) Carbazole	17.675	167	902809	25.025	ng/ul	100
78) Di-n-butylphthalate	18.234	149	1133731	14.662	ng/ul	100
80) Fluoranthene	19.322	202	1188150	319.501	ng/ul	98
82) Pyrene	19.681	202	1243127	328.650	ng/ul	100
83) Butylbenzylphthalate	20.581	149	530834	336.497	ng/ul	97
85) Benzo(a)anthracene	21.433	228	183339	50.424	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.398	149	114440892m	49173.168	ng/ul	
87) Chrysene	21.486	228	67353	20.075	ng/ul	93
89) Di-n-octyl phthalate	22.310	149	1578905	35.500	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	1404212	34.434	ng/ul	97
91) Benzo(k)fluoranthene	23.204	252	1223808m	31.780	ng/ul	
93) Benzo(a)pyrene	23.780	252	1194230	34.808	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.363	276	1595801	38.546	ng/ul	95
95) Dibenzo(a,h)anthracene	26.380	278	1347012	39.340	ng/ul	100
96) Benzo(g,h,i)perylene	27.133	276	1295847	39.751	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023901.D
Acq On : 02 Feb 2023 12:46
Operator : CG/JU
Sample : 01362-13MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 01:16:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 02:10:45 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4488MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023