Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023902.D
Acq On : 02 Feb 2023 13:23
Operator : CG/JU
Sample : 01362-14MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 01:17:25 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 :
A4488MSD

Manual Integrations APPROVED

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

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02/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	161082	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	570090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	324896	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	698323m	20.000	ng/ul	0.04
79) Chrysene-d12	21.451	240	31842m	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	660950	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19825	4.967	ng/uL	0.00
4) Pyridine-d5	3.664	84	294957	26.450	ng/ul	0.00
7) Phenol-d5	7.028	99	432293	30.732	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	269093	30.270	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	361495	32.867	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	327000	29.305	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	167269	36.163	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	187547	35.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	339162	34.514	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	364247	27.170	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	651788m	25.128	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	974255	34.721	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	87731m	18.655	ng/ul	0.11
60) Fluorene-d10	15.510	176	996542m	45.828	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.757	200	85964m	17.396	ng/ul	0.14
73) Anthracene-d10	17.381	188	765414	23.543	ng/ul	0.03
81) Pyrene-d10	19.663	212	1139903m	589.640	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.710	264	1150531	33.539	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	47513	11.557	ng/uL#	85
5) Pyridine	3.687	79	336694	30.048	ng/ul	93
6) Benzaldehyde	6.993	77	279297	45.662	ng/ul	98
8) Phenol	7.058	94	471473	33.341	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	367269	31.878	ng/ul	99
12) 2-Chlorophenol	7.416	128	387570	34.822	ng/ul	98
13) 2-Methylphenol	8.310	108	341467	31.826	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	442627	30.086	ng/ul	98
16) Acetophenone	8.687	105	547296	31.669	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	279541	29.465	ng/ul	98
18) 4-Methylphenol	8.640	108	364221	31.339	ng/ul	99
19) Hexachloroethane	8.934	117	170518	36.581	ng/ul	98
22) Nitrobenzene	9.069	77	423876	36.504	ng/ul	98
23) Isophorone	9.593	82	744045	33.950	ng/ul	99
25) 2-Nitrophenol	9.781	139	209170	38.273	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	391248	36.150	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.081	93	455007	33.983	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	342069	36.073	ng/ul	100
30) Naphthalene	10.716	128	1136421	36.808	ng/ul	99
32) 4-Chloroaniline	10.834	127	352932	26.452	ng/ul	97
33) Hexachlorobutadiene	10.993	225	261081	39.290	ng/ul	94
34) Caprolactam	11.622	113	91495	30.877	ng/ul	98
35) 4-Chloro-3-methylphenol	11.963	107	321896	31.669	ng/ul	99
36) 2-Methylnaphthalene	12.328	142	727766	34.692	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	724897	33.776	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.693	216	422581	37.854	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	262753	32.692	ng/ul	97
41) 2,4,6-Trichlorophenol	12.940	196	270358	36.706	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	281910	35.335	ng/ul	97
43) 1,1'-Biphenyl	13.345	154	2797360	109.261	ng/ul	98
44) 2-Chloronaphthalene	13.381	162	717293	36.007	ng/ul	99
45) 2-Nitroaniline	13.593	65	196351	32.826	ng/ul	97
47) Dimethylphthalate	13.969	163	733927	28.510	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	136681m	26.781	ng/ul	
50) Acenaphthylene	14.228	152	1059507	35.156	ng/ul	98
51) 3-Nitroaniline	14.481	138	139843m	30.438	ng/ul	
52) Acenaphthene	14.569	153	749563	35.829	ng/ul	97
53) 2,4-Dinitrophenol	14.710	184	86016m	23.974	ng/ul	
55) 4-Nitrophenol	14.822	109	22915m	5.732	ng/ul	
56) Dibenzofuran	14.904	168	936929	31.393	ng/ul	92
57) 2,4-Dinitrotoluene	14.951	165	246242m	34.101	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.187	232	232262m	32.644	ng/ul	
59) Diethylphthalate	15.387	149	839405m	32.816	ng/ul	
61) Fluorene	15.569	166	3752156m	153.732	ng/ul	
62) 4-Chlorophenyl-phenyle...	15.569	204	403779m	31.535	ng/ul	
63) 4-Nitroaniline	15.610	138	64465m	15.460	ng/ul	
68) 4-Bromophenyl-phenylether	16.481	248	245062	29.964	ng/ul#	93
69) Hexachlorobenzene	16.610	284	287405	30.417	ng/ul	91
70) Atrazine	16.757	200	247912m	30.600	ng/ul	
71) Pentachlorophenol	16.945	266	183350m	30.307	ng/ul	
72) Phenanthrene	17.328	178	1111883m	29.564	ng/ul	
74) Anthracene	17.416	178	1155562	30.827	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	400824	37.308	ng/uL	96
76) Pentachlorobenzene	14.822	250	373667	34.876	ng/uL	98
77) Carbazole	17.716	167	1040560m	31.678	ng/ul	
78) Di-n-butylphthalate	18.245	149	1244022	17.669	ng/ul	99
80) Fluoranthene	19.333	202	1413679m	626.391	ng/ul	
82) Pyrene	19.698	202	1442874m	628.552	ng/ul	
83) Butylbenzylphthalate	20.598	149	614481m	641.837	ng/ul	
84) 3,3'-Dichlorobenzidine	21.369	252	22904	30.626	ng/ul#	97
85) Benzo(a)anthracene	21.433	228	77186	34.979	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	123601545m	87511.479	ng/ul	
87) Chrysene	21.480	228	69582m	34.174	ng/ul	
89) Di-n-octyl phthalate	22.298	149	1807386	36.355	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	1486164	32.603	ng/ul	98
91) Benzo(k)fluoranthene	23.198	252	1446895	33.613	ng/ul#	96
93) Benzo(a)pyrene	23.763	252	1323338	34.506	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.333	276	1779964m	38.463	ng/ul	
95) Dibenzo(a,h)anthracene	26.345	278	1493630	39.025	ng/ul	97
96) Benzo(g,h,i)perylene	27.074	276	1492132m	40.949	ng/ul	

02/03/2023 Supervised By :Jagrut Upadhyay

02/03/2023

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

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