Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
Data File : BP016341.D
Acq On : 20 Jul 2023 02:22
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020670

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 09:00:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 19 14:47:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	110126	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.751	136	515713	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	353668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	847714	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	925047	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	976948	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	27830	8.943	ng/uL	0.00
4) Pyridine-d5	3.716	84	158414	20.410	ng/ul	0.00
7) Phenol-d5	7.128	99	211440	21.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	137798	20.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	165879	23.101	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	172303	21.503	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	82258	23.120	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	97091	23.943	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	176201	25.092	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	247551	21.994	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	601393	22.292	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	679231	22.974	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	107584m	19.540	ng/ul	0.00
60) Fluorene-d10	15.598	176	509900	22.584	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	93347	19.075	ng/ul	0.00
73) Anthracene-d10	17.475	188	840326	22.662	ng/ul	0.00
81) Pyrene-d10	19.710	212	1070124	22.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	1084932	23.125	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	30416	8.910	ng/uL#	94
5) Pyridine	3.740	79	172358	21.680	ng/ul	99
6) Benzaldehyde	7.093	77	143228m	23.060	ng/ul	
8) Phenol	7.152	94	226486	21.241	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.363	93	177127	20.426	ng/ul	98
12) 2-Chlorophenol	7.505	128	166921	22.405	ng/ul	96
13) 2-Methylphenol	8.404	108	172855	21.538	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	294015	20.892	ng/ul	98
16) Acetophenone	8.787	105	296197	22.416	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.752	70	165879	23.416	ng/ul	99
18) 4-Methylphenol	8.752	108	186829	21.288	ng/ul	98
19) Hexachloroethane	8.999	117	74926	22.060	ng/ul	96
22) Nitrobenzene	9.175	77	234767	22.711	ng/ul	98
23) Isophorone	9.687	82	470662	22.970	ng/ul	99
25) 2-Nitrophenol	9.887	139	102161	23.448	ng/ul	95
26) 2,4-Dimethylphenol	9.951	107	224703	23.453	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	265020	22.212	ng/ul	99
29) 2,4-Dichlorophenol	10.446	162	174666	24.190	ng/ul	97
30) Naphthalene	10.804	128	594851	21.979	ng/ul	99
32) 4-Chloroaniline	10.957	127	240917	21.521	ng/ul	97
33) Hexachlorobutadiene	11.063	225	116675	23.791	ng/ul	98
34) Caprolactam	11.769	113	65098m	24.904	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	221778	24.890	ng/ul	94
36) 2-Methylnaphthalene	12.428	142	415764	22.912	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	424884	22.767	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.798	216	226234	22.460	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	54295	13.731	ng/ul	97
41) 2,4,6-Trichlorophenol	13.057	196	152666	23.989	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	156605	23.147	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	568019	22.017	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	452877	22.343	ng/ul	98
45) 2-Nitroaniline	13.728	65	156044	23.623	ng/ul	94
47) Dimethylphthalate	14.063	163	604949	22.202	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	118076	22.986	ng/ul	96
50) Acenaphthylene	14.322	152	758336	22.332	ng/ul	99
51) 3-Nitroaniline	14.575	138	113029	21.668	ng/ul	97
52) Acenaphthene	14.663	153	500118	21.776	ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	44730	12.441	ng/ul	95
55) 4-Nitrophenol	14.922	109	85106	20.312	ng/ul#	79
56) Dibenzofuran	15.004	168	698164	22.318	ng/ul	95
57) 2,4-Dinitrotoluene	15.028	165	182578	24.094	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.251	232	152176	24.783	ng/ul	98
59) Diethylphthalate	15.416	149	631083	22.272	ng/ul	99
61) Fluorene	15.657	166	586160	22.429	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	285273	22.570	ng/ul	96
63) 4-Nitroaniline	15.745	138	98849	20.633	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.798	198	94274	18.432	ng/ul	97
67) N-Nitrosodiphenylamine	15.869	169	498199	22.172	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	182341	22.634	ng/ul	98
69) Hexachlorobenzene	16.669	284	220496	22.727	ng/ul	98
70) Atrazine	16.828	200	203717	22.864	ng/ul	97
71) Pentachlorophenol	17.039	266	119703	24.604	ng/ul	95
72) Phenanthrene	17.410	178	976056	22.098	ng/ul	100
74) Anthracene	17.510	178	1006898	22.687	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	243776	21.905	ng/uL	99
76) Pentachlorobenzene	14.922	250	231214	22.011	ng/uL	100
77) Carbazole	17.798	167	914693	22.604	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1173119	23.142	ng/ul	100
80) Fluoranthene	19.380	202	1244173	22.166	ng/ul	98
82) Pyrene	19.739	202	1317336	21.982	ng/ul	96
83) Butylbenzylphthalate	20.586	149	608789	23.555	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.386	252	412837	19.101	ng/ul	99
85) Benzo(a)anthracene	21.451	228	1384958	22.991	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	920602	23.844	ng/ul	99
87) Chrysene	21.510	228	1310173	21.470	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	1615498	26.400	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	1338808	23.991	ng/ul	97
91) Benzo(k)fluoranthene	23.239	252	1349451	23.762	ng/ul	98
93) Benzo(a)pyrene	23.851	252	1235672	22.352	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.598	276	1367537	19.977	ng/ul	97
95) Dibenzo(a,h)anthracene	26.598	278	1143993	20.488	ng/ul	98
96) Benzo(g,h,i)perylene	27.421	276	1085405	19.864	ng/ul	97

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

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