Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051022\
Data File : BM034974.D
Acq On : 10 May 2022 22:13
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020120

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
Supervised By :mohammad ahmed 05/12/2022

Quant Time: May 11 02:50:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	220833	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	946466	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	558556	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1014309	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	845743	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	823074	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	44223	8.378	ng/uL	0.00
4) Pyridine-d5	3.775	84	304013	20.895	ng/ul	0.00
7) Phenol-d5	7.081	99	409091	21.414	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	261230	21.785	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	343836	22.903	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	335284	21.526	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	164475	22.673	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	182441	23.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	339059	23.155	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	448698	21.522	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	931053	22.102	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1215574	22.742	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	151242	21.013	ng/ul	0.00
60) Fluorene-d10	15.545	176	784820	22.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	132170	20.678	ng/ul	0.00
73) Anthracene-d10	17.392	188	1106075	22.413	ng/ul	0.00
81) Pyrene-d10	19.680	212	1108051	20.982	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	984959	22.897	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	45583	8.673	ng/uL	95
5) Pyridine	3.793	79	319212	20.788	ng/ul	95
6) Benzaldehyde	7.057	77	270410	25.362	ng/ul	98
8) Phenol	7.110	94	409771	21.548	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.340	93	329674	21.902	ng/ul	96
12) 2-Chlorophenol	7.487	128	345742	22.582	ng/ul	99
13) 2-Methylphenol	8.363	108	312243	21.662	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.457	45	525653	21.360	ng/ul	99
16) Acetophenone	8.739	105	522003	21.591	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.734	70	280242	21.732	ng/ul	94
18) 4-Methylphenol	8.692	108	340768	21.639	ng/ul	99
19) Hexachloroethane	9.010	117	144245	22.209	ng/ul	95
22) Nitrobenzene	9.122	77	397775	22.097	ng/ul	98
23) Isophorone	9.651	82	735894	22.250	ng/ul	98
25) 2-Nitrophenol	9.834	139	195366	23.238	ng/ul	92
26) 2,4-Dimethylphenol	9.898	107	395296	22.483	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.133	93	450669	21.982	ng/ul	100
29) 2,4-Dichlorophenol	10.369	162	325623	22.858	ng/ul	97
30) Naphthalene	10.775	128	1096301	22.048	ng/ul	99
32) 4-Chloroaniline	10.881	127	449788	21.557	ng/ul	99
33) Hexachlorobutadiene	11.069	225	216905	23.231	ng/ul	99
34) Caprolactam	11.645	113	88358m	20.743	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	338078	22.077	ng/ul	98
36) 2-Methylnaphthalene	12.380	142	752464	21.887	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	760804	21.885	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.751	216	383853	23.366	ng/ul	98
40) Hexachlorocyclopentadiene	12.739	237	255206	22.399	ng/ul	98
41) 2,4,6-Trichlorophenol	12.986	196	245692	23.492	ng/ul	98
42) 2,4,5-Trichlorophenol	13.057	196	262379	23.418	ng/ul	100
43) 1,1'-Biphenyl	13.392	154	996035	22.445	ng/ul	99
44) 2-Chloronaphthalene	13.427	162	767849	22.721	ng/ul	97
45) 2-Nitroaniline	13.627	65	213911	22.297	ng/ul	93
47) Dimethylphthalate	14.010	163	922147	22.157	ng/ul	99
48) 2,6-Dinitrotoluene	14.121	165	180959	22.892	ng/ul	88
50) Acenaphthylene	14.274	152	1213860	22.605	ng/ul	98
51) 3-Nitroaniline	14.451	138	131758	18.203	ng/ul	93
52) Acenaphthene	14.616	153	790139	22.015	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	91625	19.869	ng/ul#	91
55) 4-Nitrophenol	14.751	109	134799	21.298	ng/ul	92
56) Dibenzofuran	14.951	168	1088840	22.027	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	249828	22.406	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.174	232	202805	23.086	ng/ul	98
59) Diethylphthalate	15.374	149	931030	21.840	ng/ul	98
61) Fluorene	15.598	166	873239	21.595	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	435348	22.165	ng/ul	96
63) 4-Nitroaniline	15.610	138	113572m	17.628	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.668	198	130713	20.654	ng/ul	96
67) N-Nitrosodiphenylamine	15.804	169	732825	22.441	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	243690	23.104	ng/ul	94
69) Hexachlorobenzene	16.604	284	272119	22.801	ng/ul	97
70) Atrazine	16.757	200	249279	21.475	ng/ul	99
71) Pentachlorophenol	16.945	266	159732	21.562	ng/ul	98
72) Phenanthrene	17.333	178	1262108	22.122	ng/ul	99
74) Anthracene	17.427	178	1278519	22.157	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	390994	24.089	ng/uL	99
76) Pentachlorobenzene	14.874	250	346069	23.276	ng/uL	99
77) Carbazole	17.692	167	1112620	21.932	ng/ul	99
78) Di-n-butylphthalate	18.268	149	1438082	22.860	ng/ul	100
80) Fluoranthene	19.345	202	1332614	20.991	ng/ul	97
82) Pyrene	19.709	202	1350007	20.823	ng/ul	99
83) Butylbenzylphthalate	20.609	149	577629	22.272	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.386	252	345027	21.619	ng/ul	99
85) Benzo(a)anthracene	21.450	228	1240111	22.568	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	890354	23.168	ng/ul	99
87) Chrysene	21.503	228	1197105	22.372	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	1432384	20.905	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1228519	22.221	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1169708	22.218	ng/ul	99
93) Benzo(a)pyrene	23.744	252	1201255	22.791	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	1397363	23.176	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.338	278	1202648	23.266	ng/ul#	96
96) Benzo(g,h,i)perylene	27.074	276	1163704	23.236	ng/ul#	94

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

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