Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036309.D
Acq On : 17 Aug 2022 10:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020149

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022

Quant Time: Aug 17 13:03:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	250325	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1124896	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	669485	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1277360	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1118526	20.000	ng/ul	0.00
88) Perylene-d12	23.703	264	1106459	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	48055	7.316	ng/uL	0.00
4) Pyridine-d5	3.634	84	316659	17.482	ng/ul	0.00
7) Phenol-d5	6.981	99	396354	18.550	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	259092	19.264	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	325842	19.409	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	310782	19.480	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	163592	19.181	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	170127	19.665	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	305013	19.732	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	455387	19.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	828332	19.557	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1031631	19.529	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	138437	17.250	ng/ul	0.00
60) Fluorene-d10	15.433	176	739800	19.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	118134	17.989	ng/ul	0.00
73) Anthracene-d10	17.286	188	1097942	19.331	ng/ul	0.00
81) Pyrene-d10	19.580	212	1141025	19.665	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1047749	19.314	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	50508	7.301	ng/uL#	91
5) Pyridine	3.652	79	330105	17.642	ng/ul	92
6) Benzaldehyde	6.945	77	186216	21.216	ng/ul	94
8) Phenol	7.004	94	416203	18.735	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.228	93	343036	19.306	ng/ul	98
12) 2-Chlorophenol	7.363	128	340553	19.398	ng/ul	99
13) 2-Methylphenol	8.257	108	315266	19.252	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.328	45	469042	19.730	ng/ul	97
16) Acetophenone	8.628	105	521696	20.331	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.616	70	260775	20.418	ng/ul	96
18) 4-Methylphenol	8.586	108	344519	19.654	ng/ul	99
19) Hexachloroethane	8.869	117	143335	19.515	ng/ul	88
22) Nitrobenzene	9.010	77	384997	19.051	ng/ul	99
23) Isophorone	9.534	82	709463	19.770	ng/ul	97
25) 2-Nitrophenol	9.722	139	188566	19.564	ng/ul	97
26) 2,4-Dimethylphenol	9.786	107	376016	19.508	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	462158	19.782	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	312675	19.771	ng/ul	98
30) Naphthalene	10.651	128	1126492	19.080	ng/ul	99
32) 4-Chloroaniline	10.775	127	468065	19.203	ng/ul	100
33) Hexachlorobutadiene	10.928	225	194442	19.570	ng/ul	100
34) Caprolactam	11.563	113	87823	18.534	ng/ul	85
35) 4-Chloro-3-methylphenol	11.910	107	321308	20.094	ng/ul	95
36) 2-Methylnaphthalene	12.263	142	734704	19.834	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	737668	19.773	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	355715	19.223	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	192448	17.530	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	229679	19.725	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	241229	19.531	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	962436	19.114	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	735401	19.033	ng/ul	99
45) 2-Nitroaniline	13.539	65	197665	18.892	ng/ul	99
47) Dimethylphthalate	13.910	163	852981	19.565	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	165206	20.084	ng/ul	88
50) Acenaphthylene	14.163	152	1204709	19.338	ng/ul	99
51) 3-Nitroaniline	14.363	138	161609	17.965	ng/ul	98
52) Acenaphthene	14.504	153	772739	19.031	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	73982	16.503	ng/ul	98
55) 4-Nitrophenol	14.686	109	109861	17.326	ng/ul	84
56) Dibenzofuran	14.839	168	1083014	19.223	ng/ul	98
57) 2,4-Dinitrotoluene	14.821	165	235359	20.175	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.074	232	187944	20.041	ng/ul#	93
59) Diethylphthalate	15.268	149	853788	19.866	ng/ul	99
61) Fluorene	15.492	166	863730	19.328	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	409659	19.625	ng/ul	99
63) 4-Nitroaniline	15.527	138	150977m	17.991	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	119555	18.006	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	703762	19.271	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	234499	19.826	ng/ul	96
69) Hexachlorobenzene	16.486	284	278328	19.418	ng/ul	97
70) Atrazine	16.657	200	235372	18.863	ng/ul	98
71) Pentachlorophenol	16.839	266	139532	17.657	ng/ul	99
72) Phenanthrene	17.227	178	1274547	18.980	ng/ul	99
74) Anthracene	17.321	178	1313559	19.511	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.239	216	360935	18.832	ng/uL	96
76) Pentachlorobenzene	14.757	250	344769	19.265	ng/uL	98
77) Carbazole	17.598	167	1159957	18.402	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1356546	19.676	ng/ul	99
80) Fluoranthene	19.245	202	1377913	19.650	ng/ul	99
82) Pyrene	19.609	202	1438740	19.661	ng/ul	95
83) Butylbenzylphthalate	20.515	149	563769	20.594	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.297	252	423369	18.381	ng/ul	99
85) Benzo(a)anthracene	21.356	228	1317236	19.597	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	810318	21.438	ng/ul	98
87) Chrysene	21.409	228	1280163	19.383	ng/ul	100
89) Di-n-octyl phthalate	22.192	149	1332094	20.252	ng/ul	100
90) Benzo(b)fluoranthene	22.991	252	1331634	19.740	ng/ul	97
91) Benzo(k)fluoranthene	23.038	252	1235793	19.255	ng/ul	98
93) Benzo(a)pyrene	23.597	252	1280048	19.288	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.115	276	1469340	18.831	ng/ul	95
95) Dibenzo(a,h)anthracene	26.132	278	1273379	18.945	ng/ul	97
96) Benzo(g,h,i)perylene	26.856	276	1256665	18.833	ng/ul	95

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

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