Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037310.D
Acq On : 02 Nov 2022 10:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 02 22:52:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 03:33:37 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020194

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2022
Supervised By :mohammad ahmed 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	296771	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1287444	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	784259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1505126	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1284463	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	1159639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	61100	9.076	ng/uL	0.00
4) Pyridine-d5	3.699	84	436092	21.700	ng/ul	0.00
7) Phenol-d5	7.028	99	495294	19.177	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	326278	20.587	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	410529	20.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	399904	18.962	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	197786	20.566	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	211790	20.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	399788	20.700	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	583199	19.760	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1104391	20.367	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1382292	21.204	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	190228	17.551	ng/ul	0.00
60) Fluorene-d10	15.480	176	1013692	20.963	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	170022	17.835	ng/ul	0.00
73) Anthracene-d10	17.327	188	1472677	21.245	ng/ul	0.00
81) Pyrene-d10	19.615	212	1461282	21.771	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	1261335	21.130	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	65631	9.279	ng/uL	98
5) Pyridine	3.716	79	430980	21.411	ng/ul	98
6) Benzaldehyde	6.998	77	304357	25.473	ng/ul	97
8) Phenol	7.051	94	531087	19.544	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.287	93	443059	20.323	ng/ul	100
12) 2-Chlorophenol	7.416	128	444561	20.820	ng/ul	98
13) 2-Methylphenol	8.304	108	395947	19.098	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.392	45	643178	20.772	ng/ul	100
16) Acetophenone	8.687	105	664977	19.660	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	342167	20.366	ng/ul	99
18) 4-Methylphenol	8.634	108	436499	19.113	ng/ul	97
19) Hexachloroethane	8.928	117	185361	21.874	ng/ul	92
22) Nitrobenzene	9.069	77	500835	21.577	ng/ul	99
23) Isophorone	9.592	82	911763	20.366	ng/ul	99
25) 2-Nitrophenol	9.775	139	247946	20.708	ng/ul	97
26) 2,4-Dimethylphenol	9.839	107	486851	21.625	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	598192	21.492	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	411419	20.700	ng/ul	99
30) Naphthalene	10.704	128	1460527	21.263	ng/ul	100
32) 4-Chloroaniline	10.828	127	600802	19.645	ng/ul	98
33) Hexachlorobutadiene	10.980	225	261918	21.398	ng/ul	99
34) Caprolactam	11.622	113	106971m	16.355	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	417125	20.233	ng/ul	97
36) 2-Methylnaphthalene	12.316	142	978195	20.621	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.533	142	982305	20.579	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.680	216	501780	21.318	ng/ul	99
40)	Hexachlorocyclopentadiene	12.657	237	263204	20.002	ng/ul	98
41)	2,4,6-Trichlorophenol	12.927	196	318534	20.964	ng/ul	97
42)	2,4,5-Trichlorophenol	12.998	196	340071	20.785	ng/ul	98
43)	1,1'-Biphenyl	13.327	154	1269335	21.776	ng/ul	100
44)	2-Chloronaphthalene	13.369	162	1015308	21.677	ng/ul	100
45)	2-Nitroaniline	13.586	65	259145	20.983	ng/ul	97
47)	Dimethylphthalate	13.957	163	1191729	20.633	ng/ul	100
48)	2,6-Dinitrotoluene	14.080	165	228991	20.248	ng/ul	99
50)	Acenaphthylene	14.216	152	1521588	21.354	ng/ul	100
51)	3-Nitroaniline	14.410	138	241300	19.772	ng/ul	99
52)	Acenaphthene	14.557	153	1087569	21.450	ng/ul	98
53)	2,4-Dinitrophenol	14.616	184	115486	15.207	ng/ul	94
55)	4-Nitrophenol	14.716	109	146674	18.402	ng/ul	96
56)	Dibenzofuran	14.886	168	1451810	21.207	ng/ul	97
57)	2,4-Dinitrotoluene	14.863	165	323835	19.542	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.116	232	284980	20.008	ng/ul	98
59)	Diethylphthalate	15.316	149	1177492	20.468	ng/ul	98
61)	Fluorene	15.533	166	1220074	21.069	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.533	204	599555	21.068	ng/ul	100
63)	4-Nitroaniline	15.568	138	226856m	19.993	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.621	198	187259	18.491	ng/ul	95
67)	N-Nitrosodiphenylamine	15.745	169	1001586	22.448	ng/ul	100
68)	4-Bromophenyl-phenylether	16.421	248	345412	21.572	ng/ul	96
69)	Hexachlorobenzene	16.533	284	420154	21.501	ng/ul	98
70)	Atrazine	16.698	200	305570	19.346	ng/ul	99
71)	Pentachlorophenol	16.880	266	219264	18.335	ng/ul	99
72)	Phenanthrene	17.274	178	1787071	21.235	ng/ul	99
74)	Anthracene	17.362	178	1817496	21.464	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.286	216	497853	22.826	ng/uL	99
76)	Pentachlorobenzene	14.804	250	534957	22.542	ng/uL	99
77)	Carbazole	17.639	167	1540678	20.169	ng/ul	100
78)	Di-n-butylphthalate	18.198	149	1815949	20.634	ng/ul	100
80)	Fluoranthene	19.286	202	1866608	22.600	ng/ul	100
82)	Pyrene	19.645	202	1961181	22.539	ng/ul	97
83)	Butylbenzylphthalate	20.545	149	700901	20.740	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.327	252	591995	19.886	ng/ul	98
85)	Benzo(a)anthracene	21.386	228	1773596	21.516	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.315	149	990834	21.026	ng/ul	99
87)	Chrysene	21.439	228	1676753	21.618	ng/ul	100
89)	Di-n-octyl phthalate	22.221	149	1611985	19.106	ng/ul	100
90)	Benzo(b)fluoranthene	23.033	252	1657533	20.546	ng/ul	99
91)	Benzo(k)fluoranthene	23.080	252	1690148	21.399	ng/ul	99
93)	Benzo(a)pyrene	23.644	252	1448954	21.476	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.180	276	1683868	23.320	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.191	278	1522877	23.453	ng/ul	100
96)	Benzo(g,h,i)perylene	26.921	276	1479051	23.907	ng/ul	99

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

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