Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120122\
Data File : BM037814.D
Acq On : 01 Dec 2022 17:38
Operator : CG/JU
Sample : SSTD02098
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 00:18:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 00:13:28 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020049

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	234345	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	1119768	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	752110	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1624230	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1724202	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1740332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	41110	7.275	ng/uL	0.00
4) Pyridine-d5	3.870	84	322504	17.534	ng/ul	0.00
7) Phenol-d5	7.246	99	430758	18.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	259024	16.608	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	337504	20.775	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	341984	18.382	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	183586	20.913	ng/ul	0.00
24) 2-Nitrophenol-d4	9.999	143	189540	21.913	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	354801	22.414	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	530994	20.215	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	1063811	19.969	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	1295890	20.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	214638	18.291	ng/ul	0.00
60) Fluorene-d10	15.710	176	975287	20.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	165890	18.986	ng/ul	0.00
73) Anthracene-d10	17.563	188	1559652	20.534	ng/ul	0.00
81) Pyrene-d10	19.845	212	1808198	20.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1827032	20.396	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	46736	7.523	ng/uL	100
5) Pyridine	3.887	79	322594	17.248	ng/ul	100
6) Benzaldehyde	7.228	77	228368m	18.610	ng/ul	
8) Phenol	7.275	94	438115	17.877	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.511	93	363135	18.278	ng/ul	100
12) 2-Chlorophenol	7.658	128	362205	20.410	ng/ul	100
13) 2-Methylphenol	8.540	108	352897	18.876	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	683756	19.053	ng/ul	100
16) Acetophenone	8.928	105	550517	17.975	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.916	70	287725	16.029	ng/ul	100
18) 4-Methylphenol	8.869	108	383419	18.563	ng/ul	100
19) Hexachloroethane	9.187	117	140745	18.337	ng/ul	100
22) Nitrobenzene	9.310	77	384212	16.052	ng/ul	100
23) Isophorone	9.840	82	834315	17.294	ng/ul	100
25) 2-Nitrophenol	10.028	139	207567	21.216	ng/ul	100
26) 2,4-Dimethylphenol	10.081	107	401482	18.686	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.322	93	504694	18.237	ng/ul	100
29) 2,4-Dichlorophenol	10.563	162	357320	22.065	ng/ul	100
30) Naphthalene	10.969	128	1251335	20.438	ng/ul	100
32) 4-Chloroaniline	11.081	127	539214	19.699	ng/ul	100
33) Hexachlorobutadiene	11.251	225	222011	26.116	ng/ul	100
34) Caprolactam	11.857	113	128315	19.025	ng/ul	100
35) 4-Chloro-3-methylphenol	12.187	107	375973	18.162	ng/ul	100
36) 2-Methylnaphthalene	12.569	142	872111	20.505	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	871858	20.376	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.928	216	444317	24.059	ng/ul	100
40) Hexachlorocyclopentadiene	12.910	237	243045	21.134	ng/ul	100
41) 2,4,6-Trichlorophenol	13.169	196	290451	21.841	ng/ul	100
42) 2,4,5-Trichlorophenol	13.234	196	313085	22.004	ng/ul	100
43) 1,1'-Biphenyl	13.563	154	1128152	19.753	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	887234	19.986	ng/ul	100
45) 2-Nitroaniline	13.810	65	253475	15.061	ng/ul	100
47) Dimethylphthalate	14.181	163	1111298	19.625	ng/ul	100
48) 2,6-Dinitrotoluene	14.298	165	229395	20.979	ng/ul	100
50) Acenaphthylene	14.451	152	1427149	20.079	ng/ul	100
51) 3-Nitroaniline	14.628	138	261740	19.726	ng/ul	100
52) Acenaphthene	14.792	153	991144	19.498	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	117171	18.264	ng/ul	100
55) 4-Nitrophenol	14.928	109	129656	12.330	ng/ul	100
56) Dibenzofuran	15.122	168	1349328	20.338	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	324345	20.215	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.345	232	279238	23.919	ng/ul	100
59) Diethylphthalate	15.534	149	1136209	18.590	ng/ul	100
61) Fluorene	15.769	166	1146239	19.944	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.757	204	544858	21.732	ng/ul	100
63) 4-Nitroaniline	15.786	138	268383m	21.282	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.839	198	171249	18.467	ng/ul	100
67) N-Nitrosodiphenylamine	15.969	169	977500	19.369	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	345769	26.467	ng/ul	100
69) Hexachlorobenzene	16.769	284	406781	24.244	ng/ul	100
70) Atrazine	16.916	200	339791	19.836	ng/ul	100
71) Pentachlorophenol	17.110	266	240411	21.640	ng/ul	100
72) Phenanthrene	17.504	178	1836538	19.303	ng/ul	100
74) Anthracene	17.598	178	1895031	19.618	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	445641	22.935	ng/uL	100
76) Pentachlorobenzene	15.039	250	493331	23.872	ng/uL	100
77) Carbazole	17.863	167	1771888	19.294	ng/ul	100
78) Di-n-butylphthalate	18.416	149	2196917	16.526	ng/ul	100
80) Fluoranthene	19.510	202	2221260	19.845	ng/ul	100
82) Pyrene	19.874	202	2317990	19.607	ng/ul	100
83) Butylbenzylphthalate	20.757	149	1007265	18.290	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.545	252	780628	22.543	ng/ul	100
85) Benzo(a)anthracene	21.616	228	2275291	19.725	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	1536574	18.467	ng/ul	100
87) Chrysene	21.674	228	2143902	19.751	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	2720294	18.298	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2278126	19.256	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	2287828	19.829	ng/ul	100
93) Benzo(a)pyrene	24.009	252	1991586	19.368	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.721	276	2238098	18.972	ng/ul	100
95) Dibenzo(a,h)anthracene	26.739	278	2039797	19.259	ng/ul	100
96) Benzo(g,h,i)perylene	27.527	276	1932733	18.814	ng/ul	100

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

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