Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
Data File : BM035131.D
Acq On : 17 May 2022 14:40
Operator : CG/JU
Sample : SSTD08044
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 17 15:18:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 14:25:28 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080044

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
05/18/2022

Supervised By :mohammad ahmed
05/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	147086	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	557918	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	336822	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	665827	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	670559	20.000	ng/ul	0.00
88) Perylene-d12	23.862	264	663943	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	116092	33.021	ng/uL	0.00
4) Pyridine-d5	3.775	84	767173	79.166	ng/ul	0.00
7) Phenol-d5	7.075	99	896448	70.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	558117	69.881	ng/ul	0.00
11) 2-Chlorophenol-d4	7.445	132	809973	81.004	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	761325	73.386	ng/ul	0.01
21) Nitrobenzene-d5	9.069	128	377302	88.235	ng/ul	0.00
24) 2-Nitrophenol-d4	9.792	143	435740	94.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	758995	87.933	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	1002890	81.603	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	2077173	81.772	ng/ul	0.01
49) Acenaphthylene-d8	14.239	160	2527228	78.407	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	373100	85.962	ng/ul	0.02
60) Fluorene-d10	15.539	176	1759528	82.104	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	387361	92.323	ng/ul	0.01
73) Anthracene-d10	17.392	188	2655598	81.977	ng/ul	0.00
81) Pyrene-d10	19.680	212	3011706	71.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	2956841	85.212	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	118166	33.755	ng/uL	97
5) Pyridine	3.793	79	787748	77.022	ng/ul	91
6) Benzaldehyde	7.046	77	381882	53.775	ng/ul	99
8) Phenol	7.104	94	945715	74.664	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.334	93	723403	72.156	ng/ul	98
12) 2-Chlorophenol	7.475	128	830764	81.467	ng/ul	99
13) 2-Methylphenol	8.357	108	709417	73.894	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.451	45	1009517	61.590	ng/ul	97
16) Acetophenone	8.734	105	1171402	72.744	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.734	70	561411	65.365	ng/ul	97
18) 4-Methylphenol	8.692	108	760366	72.492	ng/ul	98
19) Hexachloroethane	8.992	117	356286	82.361	ng/ul	96
22) Nitrobenzene	9.116	77	877681	82.713	ng/ul	98
23) Isophorone	9.651	82	1561428	80.087	ng/ul	100
25) 2-Nitrophenol	9.828	139	457351	92.287	ng/ul	93
26) 2,4-Dimethylphenol	9.892	107	877550	84.670	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.128	93	918673	76.014	ng/ul	100
29) 2,4-Dichlorophenol	10.363	162	758165	90.286	ng/ul	99
30) Naphthalene	10.763	128	2376052	81.063	ng/ul	99
32) 4-Chloroaniline	10.869	127	1001760	81.448	ng/ul	100
33) Hexachlorobutadiene	11.057	225	558192	101.419	ng/ul	98
34) Caprolactam	11.663	113	212194m	84.508	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	757328	83.897	ng/ul	98
36) 2-Methylnaphthalene	12.375	142	1630505	80.456	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	1636092	79.837	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.745	216	960574	96.965	ng/ul	97
40) Hexachlorocyclopentadiene	12.727	237	687093	100.005	ng/ul	99
41) 2,4,6-Trichlorophenol	12.980	196	611248	96.921	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	655676	97.048	ng/ul	98
43) 1,1'-Biphenyl	13.380	154	2172359	81.181	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	1699351	83.388	ng/ul	98
45) 2-Nitroaniline	13.627	65	501078	86.613	ng/ul	98
47) Dimethylphthalate	14.010	163	2066995	82.359	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	444020	93.148	ng/ul	95
50) Acenaphthylene	14.269	152	2670834	82.479	ng/ul	98
51) 3-Nitroaniline	14.451	138	391076	89.596	ng/ul	96
52) Acenaphthene	14.610	153	1756555	81.159	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	293325	105.484	ng/ul	98
55) 4-Nitrophenol	14.763	109	344186	90.180	ng/ul	89
56) Dibenzofuran	14.945	168	2441886	81.919	ng/ul	96
57) 2,4-Dinitrotoluene	14.910	165	620006	92.210	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.174	232	536002	101.183	ng/ul	92
59) Diethylphthalate	15.374	149	2075133	80.725	ng/ul	99
61) Fluorene	15.598	166	2030504	83.269	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	1057544	89.287	ng/ul	96
63) 4-Nitroaniline	15.616	138	352252	90.670	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.680	198	379098	91.254	ng/ul#	93
67) N-Nitrosodiphenylamine	15.804	169	1700441	79.325	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	629302	90.891	ng/ul	98
69) Hexachlorobenzene	16.604	284	697834	89.074	ng/ul	96
70) Atrazine	16.757	200	666963	87.532	ng/ul	98
71) Pentachlorophenol	16.945	266	461668	94.935	ng/ul	97
72) Phenanthrene	17.333	178	3013789	80.473	ng/ul	99
74) Anthracene	17.427	178	3125427	82.511	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	970237	91.062	ng/uL	99
76) Pentachlorobenzene	14.869	250	871382	89.284	ng/uL	99
77) Carbazole	17.692	167	2693758	80.891	ng/ul	100
78) Di-n-butylphthalate	18.262	149	3478886	84.243	ng/ul	99
80) Fluoranthene	19.351	202	3602612	71.572	ng/ul	98
82) Pyrene	19.715	202	3678641	71.565	ng/ul	96
83) Butylbenzylphthalate	20.615	149	1596715	77.649	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	1162179	91.846	ng/ul	98
85) Benzo(a)anthracene	21.462	228	3621168	83.117	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	2410767	79.120	ng/ul	98
87) Chrysene	21.515	228	3540339	83.447	ng/ul	98
89) Di-n-octyl phthalate	22.321	149	4055758	73.379	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	3685871	82.647	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	3605028	84.889	ng/ul	98
93) Benzo(a)pyrene	23.768	252	3677844	86.504	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.356	276	4236856	87.113	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.368	278	3633428	87.139	ng/ul	97
96) Benzo(g,h,i)perylene	27.109	276	3476836	86.061	ng/ul#	95

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

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