

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
 Data File : BM035129.D
 Acq On : 17 May 2022 13:27
 Operator : CG/JU
 Sample : SSTD02042
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020042

Quant Time: May 17 14:27:18 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

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	145496	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	546755	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	334184	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	666038	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	651683	20.000	ng/u1	0.00
88) Perylene-d12	23.862	264	660083	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	28378	8.160	ng/uL	0.00
4) Pyridine-d5	3.781	84	178279	18.598	ng/u1	0.00
7) Phenol-d5	7.069	99	212197	16.859	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	134848	17.069	ng/u1	0.00
11) 2-Chlorophenol-d4	7.439	132	194863	19.701	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	179294	17.471	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	89521	21.363	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	100721	22.284	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	180138	21.296	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	239716	19.903	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	505655	20.063	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	601512	18.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	85733	19.909	ng/u1	0.00
60) Fluorene-d10	15.533	176	428024	20.130	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	81338	19.380	ng/u1	0.00
73) Anthracene-d10	17.386	188	641389	19.793	ng/u1	0.00
81) Pyrene-d10	19.680	212	718773	17.663	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	692035	20.060	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	28656	8.275	ng/uL#	94
5) Pyridine	3.799	79	185219	18.308	ng/u1	94
6) Benzaldehyde	7.045	77	129457	18.429	ng/u1	99
8) Phenol	7.098	94	222435	17.753	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.334	93	174539	17.600	ng/u1	100
12) 2-Chlorophenol	7.469	128	198811	19.709	ng/u1	99
13) 2-Methylphenol	8.351	108	167953	17.685	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.439	45	246000	15.172	ng/u1	97
16) Acetophenone	8.728	105	280178	17.589	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.716	70	132988	15.653	ng/u1	98
18) 4-Methylphenol	8.681	108	181058	17.450	ng/u1	99
19) Hexachloroethane	8.992	117	86183	20.140	ng/u1	93
22) Nitrobenzene	9.104	77	213316	20.514	ng/u1	98
23) Isophorone	9.639	82	374132	19.581	ng/u1	98
25) 2-Nitrophenol	9.822	139	108778	22.398	ng/u1	94
26) 2,4-Dimethylphenol	9.886	107	211372	20.811	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	225243	19.018	ng/u1	100
29) 2,4-Dichlorophenol	10.357	162	180295	21.909	ng/u1	98
30) Naphthalene	10.757	128	585900	20.397	ng/u1	99
32) 4-Chloroaniline	10.869	127	239967	19.909	ng/u1	99
33) Hexachlorobutadiene	11.051	225	134504	24.937	ng/u1	97
34) Caprolactam	11.633	113	50197	20.400	ng/u1	97
35) 4-Chloro-3-methylphenol	11.992	107	182869	20.672	ng/u1	97
36) 2-Methylnaphthalene	12.369	142	394998	19.889	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	398235	19.830	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.739	216	227845	23.181	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	148974	21.854	ng/ul	96
41) 2,4,6-Trichlorophenol	12.980	196	143860	22.991	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	154894	23.107	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	530556	19.983	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	412635	20.408	ng/ul	97
45) 2-Nitroaniline	13.616	65	116098	20.226	ng/ul	93
47) Dimethylphthalate	13.998	163	506435	20.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	101588	21.480	ng/ul	92
50) Acenaphthylene	14.263	152	647906	20.166	ng/ul	98
51) 3-Nitroaniline	14.439	138	95877	22.139	ng/ul	88
52) Acenaphthene	14.610	153	427161	19.892	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	58930	21.359	ng/ul	95
55) 4-Nitrophenol	14.751	109	81052	21.404	ng/ul	90
56) Dibenzofuran	14.939	168	598946	20.252	ng/ul	94
57) 2,4-Dinitrotoluene	14.904	165	143637	21.531	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.168	232	124900	23.764	ng/ul	95
59) Diethylphthalate	15.368	149	514947	20.190	ng/ul	99
61) Fluorene	15.592	166	489667	20.239	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	250693	21.333	ng/ul	98
63) 4-Nitroaniline	15.604	138	90556m	23.493	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.668	198	83138	20.006	ng/ul#	98
67) N-Nitrosodiphenylamine	15.798	169	412572	19.240	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	146576	21.163	ng/ul	99
69) Hexachlorobenzene	16.598	284	167946	21.430	ng/ul	98
70) Atrazine	16.751	200	157664	20.685	ng/ul	99
71) Pentachlorophenol	16.939	266	106599	21.914	ng/ul	97
72) Phenanthrene	17.327	178	742239	19.813	ng/ul	100
74) Anthracene	17.421	178	757259	19.985	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	238238	22.353	ng/uL	98
76) Pentachlorobenzene	14.863	250	207904	21.296	ng/uL	98
77) Carbazole	17.686	167	660175	19.818	ng/ul	99
78) Di-n-butylphthalate	18.262	149	887414	21.482	ng/ul	99
80) Fluoranthene	19.345	202	856844	17.516	ng/ul	99
82) Pyrene	19.709	202	884017	17.696	ng/ul	96
83) Butylbenzylphthalate	20.609	149	370025	18.516	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	278097	22.614	ng/ul	100
85) Benzo(a)anthracene	21.456	228	863825	20.402	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	561408	18.959	ng/ul	99
87) Chrysene	21.509	228	842470	20.433	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	937498	17.061	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	875366	19.743	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	846013	20.038	ng/ul	99
93) Benzo(a)pyrene	23.756	252	866381	20.497	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.332	276	986346	20.399	ng/ul	96
95) Dibenzo(a,h)anthracene	26.344	278	846281	20.415	ng/ul	98
96) Benzo(g,h,i)perylene	27.085	276	824272	20.522	ng/ul	98

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

