

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010622\
 Data File : BM033662.D
 Acq On : 06 Jan 2022 13:48
 Operator : CG/JU
 Sample : SSTD08022
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD080022

Quant Time: Jan 06 15:20:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 15:17:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
 Supervised By :mohammad ahmed 01/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.983	152	166233	20.000	ng/u1	0.00
20) Naphthalene-d8	10.801	136	739413	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.624	164	495961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.359	188	1068794	20.000	ng/u1	0.00
79) Chrysene-d12	21.524	240	1066948	20.000	ng/u1	0.00
88) Perylene-d12	23.953	264	993652	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	130169	29.426	ng/uL	0.00
4) Pyridine-d5	3.748	84	965106	75.247	ng/u1	0.00
7) Phenol-d5	7.136	99	1190536	75.633	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.307	67	702124	68.133	ng/u1	0.00
11) 2-Chlorophenol-d4	7.513	132	930762	84.455	ng/u1	0.00
15) 4-Methylphenol-d8	8.701	113	989409	80.303	ng/u1	0.01
21) Nitrobenzene-d5	9.148	128	486937	81.161	ng/u1	0.00
24) 2-Nitrophenol-d4	9.877	143	538652	87.507	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	970489	83.427	ng/u1	0.00
31) 4-Chloroaniline-d4	10.936	131	1402589	81.322	ng/u1	0.01
46) Dimethylphthalate-d6	14.036	166	3018815	81.464	ng/u1	0.00
49) Acenaphthylene-d8	14.318	160	3633189	79.089	ng/u1	0.00
54) 4-Nitrophenol-d4	14.812	143	605850	90.045	ng/u1	0.02
60) Fluorene-d10	15.612	176	2501125	75.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.730	200	548905	85.091	ng/u1	0.02
73) Anthracene-d10	17.459	188	4013639	75.986	ng/u1	0.00
81) Pyrene-d10	19.742	212	4636011	77.744	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.806	264	4164308	77.319	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	137656	27.957	ng/uL#	88
5) Pyridine	3.766	79	977936	74.033	ng/u1	90
6) Benzaldehyde	7.107	77	465897	53.126	ng/u1#	83
8) Phenol	7.166	94	1215072	74.940	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.401	93	920379	75.455	ng/u1	93
12) 2-Chlorophenol	7.542	128	961677	84.384	ng/u1	90
13) 2-Methylphenol	8.425	108	939741	79.943	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.525	45	1286317	61.116	ng/u1	96
16) Acetophenone	8.813	105	1492293	73.116	ng/u1#	88
17) N-Nitroso-di-n-propyla...	8.819	70	785055	70.369	ng/u1#	88
18) 4-Methylphenol	8.766	108	1017782	79.135	ng/u1	97
19) Hexachloroethane	9.078	117	402274	69.868	ng/u1#	86
22) Nitrobenzene	9.195	77	1174246	66.850	ng/u1#	91
23) Isophorone	9.736	82	2269391	75.449	ng/u1	97
25) 2-Nitrophenol	9.913	139	566395	86.792	ng/u1#	81
26) 2,4-Dimethylphenol	9.972	107	1222389	77.254	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.213	93	1295997	76.611	ng/u1	97
29) 2,4-Dichlorophenol	10.448	162	956570	81.231	ng/u1	98
30) Naphthalene	10.854	128	3132709	76.027	ng/u1	99
32) 4-Chloroaniline	10.960	127	1415227	81.643	ng/u1	99
33) Hexachlorobutadiene	11.148	225	642977	74.594	ng/u1	96
34) Caprolactam	11.754	113	325379m	81.932	ng/u1	
35) 4-Chloro-3-methylphenol	12.083	107	1175186	85.018	ng/u1	90
36) 2-Methylnaphthalene	12.460	142	2168338	77.597	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	2216730	76.333	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.830	216	1158827	77.550	ng/ul	99
40) Hexachlorocyclopentadiene	12.813	237	775674	79.534	ng/ul	99
41) 2,4,6-Trichlorophenol	13.060	196	784656	89.208	ng/ul	98
42) 2,4,5-Trichlorophenol	13.136	196	860590	90.313	ng/ul	94
43) 1,1'-Biphenyl	13.465	154	2962278	78.072	ng/ul	99
44) 2-Chloronaphthalene	13.507	162	2249639	77.063	ng/ul	98
45) 2-Nitroaniline	13.701	65	812686	78.062	ng/ul#	82
47) Dimethylphthalate	14.083	163	3011507	81.848	ng/ul	100
48) 2,6-Dinitrotoluene	14.195	165	641504	90.194	ng/ul	94
50) Acenaphthylene	14.348	152	3765927	78.737	ng/ul	98
51) 3-Nitroaniline	14.518	138	580105	82.861	ng/ul	90
52) Acenaphthene	14.689	153	2456807	77.395	ng/ul	96
53) 2,4-Dinitrophenol	14.724	184	401327	96.015	ng/ul#	85
55) 4-Nitrophenol	14.830	109	571926	78.647	ng/ul	86
56) Dibenzofuran	15.024	168	3511848	76.290	ng/ul	99
57) 2,4-Dinitrotoluene	14.977	165	946412	90.578	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.242	232	740653	91.433	ng/ul#	99
59) Diethylphthalate	15.448	149	3213251	84.143	ng/ul	99
61) Fluorene	15.671	166	2797143	73.902	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.659	204	1421846	75.307	ng/ul	98
63) 4-Nitroaniline	15.683	138	519366	72.241	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.742	198	539142	83.902	ng/ul#	96
67) N-Nitrosodiphenylamine	15.871	169	2512821	79.962	ng/ul	99
68) 4-Bromophenyl-phenylether	16.554	248	864900	80.343	ng/ul	99
69) Hexachlorobenzene	16.671	284	1017739	82.054	ng/ul	95
70) Atrazine	16.824	200	1028184	82.458	ng/ul	98
71) Pentachlorophenol	17.006	266	697867	100.338	ng/ul	96
72) Phenanthrene	17.406	178	4604613	74.680	ng/ul	99
74) Anthracene	17.495	178	4669104	74.691	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.430	216	1269360	82.348	ng/ul	97
76) Pentachlorobenzene	14.948	250	1188267	78.061	ng/ul	98
77) Carbazole	17.759	167	4255341	75.315	ng/ul	97
78) Di-n-butylphthalate	18.330	149	5558770	87.683	ng/ul	98
80) Fluoranthene	19.412	202	5489263	78.096	ng/ul	99
82) Pyrene	19.771	202	5554782	75.489	ng/ul	99
83) Butylbenzylphthalate	20.659	149	2653922	94.155	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.436	252	1811003	74.679	ng/ul	97
85) Benzo(a)anthracene	21.506	228	5364494	76.526	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.441	149	3846784	94.957	ng/ul#	98
87) Chrysene	21.565	228	5168937	75.024	ng/ul	99
89) Di-n-octyl phthalate	22.377	149	6754404	92.712	ng/ul	100
90) Benzo(b)fluoranthene	23.218	252	5408823	79.449	ng/ul	99
91) Benzo(k)fluoranthene	23.271	252	4939962	78.367	ng/ul	100
93) Benzo(a)pyrene	23.859	252	4981066	76.252	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.506	276	4877951	68.663	ng/ul	97
95) Dibenzo(a,h)anthracene	26.529	278	4251914	68.806	ng/ul	97
96) Benzo(g,h,i)perylene	27.294	276	3980166	65.686	ng/ul	99

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

