

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039542.D
 Acq On : 21 Apr 2023 02:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020117

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 02:43:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	252678	20.000	ng/u1	0.00
20) Naphthalene-d8	10.630	136	1177066	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.477	164	753594	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	1575854	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	1191104	20.000	ng/u1	0.00
88) Perylene-d12	23.788	264	1126024	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	54963	8.349	ng/uL	0.00
4) Pyridine-d5	3.637	84	393459	21.272	ng/u1	0.00
7) Phenol-d5	7.001	99	501952	21.705	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.154	67	331640	21.696	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	403617	22.249	ng/u1	0.00
15) 4-Methylphenol-d8	8.554	113	402214	21.591	ng/u1	0.00
21) Nitrobenzene-d5	8.995	128	207531	21.915	ng/u1	0.00
24) 2-Nitrophenol-d4	9.719	143	233061	21.918	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.260	165	414672	22.664	ng/u1	0.00
31) 4-Chloroaniline-d4	10.777	131	590902	21.624	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	1275766	20.991	ng/u1	0.00
49) Acenaphthylene-d8	14.171	160	1477684	21.642	ng/u1	0.00
54) 4-Nitrophenol-d4	14.713	143	171691	18.666	ng/u1	-0.01
60) Fluorene-d10	15.471	176	1073360	21.556	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.612	200	193439	18.472	ng/u1	0.00
73) Anthracene-d10	17.330	188	1643216	21.682	ng/u1	0.00
81) Pyrene-d10	19.630	212	1795232	22.682	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.635	264	1296708	21.330	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.249	88	57396	7.968	ng/uL	99
5) Pyridine	3.654	79	416429	21.352	ng/u1	99
6) Benzaldehyde	6.966	77	262472	26.565	ng/u1	97
8) Phenol	7.031	94	526640	21.872	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.248	93	432373	21.538	ng/u1	100
12) 2-Chlorophenol	7.384	128	406917	22.291	ng/u1	98
13) 2-Methylphenol	8.284	108	403269	21.563	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.348	45	604096m	21.665	ng/u1	
16) Acetophenone	8.654	105	687105	22.455	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.642	70	367312	21.689	ng/u1	97
18) 4-Methylphenol	8.613	108	448993	22.237	ng/u1	99
19) Hexachloroethane	8.895	117	172615	20.820	ng/u1	98
22) Nitrobenzene	9.036	77	520482	22.260	ng/u1	98
23) Isophorone	9.560	82	1042616	20.911	ng/u1	100
25) 2-Nitrophenol	9.748	139	243151	21.915	ng/u1	98
26) 2,4-Dimethylphenol	9.813	107	504303	22.243	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.048	93	624135	21.288	ng/u1	99
29) 2,4-Dichlorophenol	10.289	162	403691	22.398	ng/u1	99
30) Naphthalene	10.677	128	1421508	21.827	ng/u1	100
32) 4-Chloroaniline	10.801	127	577917	21.463	ng/u1	99
33) Hexachlorobutadiene	10.954	225	255853	21.544	ng/u1	100
34) Caprolactam	11.589	113	134611m	20.056	ng/u1	
35) 4-Chloro-3-methylphenol	11.942	107	469023	22.288	ng/u1	99
36) 2-Methylnaphthalene	12.295	142	945343	21.653	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.513	142	946527	21.574	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.666	216	492462	21.771	ng/u1	99
40) Hexachlorocyclopentadiene	12.636	237	174947	12.981	ng/u1	98
41) 2,4,6-Trichlorophenol	12.913	196	329349	21.794	ng/u1	99
42) 2,4,5-Trichlorophenol	12.995	196	351611	22.387	ng/u1	98
43) 1,1'-Biphenyl	13.313	154	1276004	21.910	ng/u1	99
44) 2-Chloronaphthalene	13.354	162	1005550	22.010	ng/u1	99
45) 2-Nitroaniline	13.571	65	294883	22.367	ng/u1	99
47) Dimethylphthalate	13.942	163	1276019	21.206	ng/u1	100
48) 2,6-Dinitrotoluene	14.071	165	261892	21.519	ng/u1	98
50) Acenaphthylene	14.201	152	1588814	21.754	ng/u1	100
51) 3-Nitroaniline	14.407	138	245235	21.499	ng/u1	98
52) Acenaphthene	14.542	153	1083702	21.551	ng/u1	100
53) 2,4-Dinitrophenol	14.618	184	94978	14.661	ng/u1	97
55) 4-Nitrophenol	14.724	109	137684	19.707	ng/u1	96
56) Dibenzofuran	14.877	168	1496067	21.889	ng/u1	99
57) 2,4-Dinitrotoluene	14.860	165	368986	21.820	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.112	232	302263	21.500	ng/u1	100
59) Diethylphthalate	15.307	149	1307041	20.954	ng/u1	99
61) Fluorene	15.530	166	1225682	21.679	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.524	204	609638	21.755	ng/u1	99
63) 4-Nitroaniline	15.571	138	193183	22.085	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.624	198	184796	18.355	ng/u1	95
67) N-Nitrosodiphenylamine	15.742	169	1023948	21.809	ng/u1	100
68) 4-Bromophenyl-phenylether	16.418	248	367113	21.569	ng/u1	98
69) Hexachlorobenzene	16.530	284	418518	21.404	ng/u1	95
70) Atrazine	16.701	200	367750	21.108	ng/u1	98
71) Pentachlorophenol	16.889	266	215103	18.819	ng/u1	99
72) Phenanthrene	17.271	178	1881382	21.505	ng/u1	100
74) Anthracene	17.365	178	1917215	21.844	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.277	216	512249	21.826	ng/u1	99
76) Pentachlorobenzene	14.795	250	503665	21.803	ng/u1	98
77) Carbazole	17.642	167	1657064	21.247	ng/u1	100
78) Di-n-butylphthalate	18.201	149	2305114	20.896	ng/u1	99
80) Fluoranthene	19.295	202	2110000	22.744	ng/u1	97
82) Pyrene	19.659	202	2183576	22.736	ng/u1	97
83) Butylbenzylphthalate	20.559	149	987475	21.783	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.347	252	526790	19.944	ng/u1	98
85) Benzo(a)anthracene	21.406	228	1862540	21.620	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.330	149	1544100	22.904	ng/u1	100
87) Chrysene	21.459	228	1732491	21.082	ng/u1	100
89) Di-n-octyl phthalate	22.241	149	2407875	21.283	ng/u1	100
90) Benzo(b)fluoranthene	23.065	252	1639841	20.697	ng/u1	100
91) Benzo(k)fluoranthene	23.112	252	1705185	21.915	ng/u1	100
93) Benzo(a)pyrene	23.683	252	1439566	21.556	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.241	276	1753468	23.870	ng/u1	100
95) Dibenzo(a,h)anthracene	26.247	278	1457976	23.938	ng/u1	100
96) Benzo(g,h,i)perylene	26.988	276	1414711	24.176	ng/u1	99

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

