

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
 Data File : BM035515.D
 Acq On : 18 Jun 2022 04:39
 Operator : CG/JU
 Sample : SSTDCCC02EC
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02129

Quant Time: Jun 18 05:19:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:58:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2022
 Supervised By :Yogesh Patel 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	219229	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	921101	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	544765	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1088998	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1109070	20.000	ng/u1	0.00
88) Perylene-d12	23.721	264	1190828	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	41427	7.543	ng/uL	0.00
4) Pyridine-d5	3.681	84	241003	17.818	ng/u1	0.00
7) Phenol-d5	6.993	99	296175	17.628	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	185897	17.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	276092	18.972	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	255191	18.143	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	128505	18.742	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	139184	18.825	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	237191	18.895	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	366907	18.576	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	701175	18.922	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	876683	19.091	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	90355	15.873	ng/u1	0.00
60) Fluorene-d10	15.445	176	607385	18.930	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	114427	17.625	ng/u1	0.00
73) Anthracene-d10	17.298	188	923549	18.867	ng/u1	0.00
81) Pyrene-d10	19.592	212	1040602	19.085	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1094140	19.050	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	40263	7.232	ng/uL	96
5) Pyridine	3.705	79	251763	17.648	ng/u1	92
6) Benzaldehyde	6.957	77	160741m	22.335	ng/u1	
8) Phenol	7.022	94	324081	18.077	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	256343	18.307	ng/u1	98
12) 2-Chlorophenol	7.375	128	288497	19.141	ng/u1	98
13) 2-Methylphenol	8.269	108	243897	18.366	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.345	45	363011	17.392	ng/u1	98
16) Acetophenone	8.640	105	403498	18.921	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.622	70	188779	18.762	ng/u1	96
18) 4-Methylphenol	8.598	108	265275	18.561	ng/u1	98
19) Hexachloroethane	8.881	117	113536	18.838	ng/u1	96
22) Nitrobenzene	9.016	77	270442	18.582	ng/u1	97
23) Isophorone	9.545	82	513262	18.645	ng/u1	99
25) 2-Nitrophenol	9.728	139	155752	19.355	ng/u1	94
26) 2,4-Dimethylphenol	9.798	107	290222	19.032	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	337374	18.899	ng/u1	98
29) 2,4-Dichlorophenol	10.275	162	240780	18.904	ng/u1	99
30) Naphthalene	10.651	128	890920	18.933	ng/u1	100
32) 4-Chloroaniline	10.781	127	364500	18.537	ng/u1	99
33) Hexachlorobutadiene	10.939	225	154110	19.230	ng/u1	98
34) Caprolactam	11.569	113	94064	21.933	ng/u1	85
35) 4-Chloro-3-methylphenol	11.928	107	251642	18.847	ng/u1	95
36) 2-Methylnaphthalene	12.275	142	585650	19.140	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	591806	19.147	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.645	216	287605	18.854	ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	124717	22.233	ng/ul	96
41) 2,4,6-Trichlorophenol	12.898	196	180300	18.949	ng/ul	100
42) 2,4,5-Trichlorophenol	12.986	196	184229	18.662	ng/ul	97
43) 1,1'-Biphenyl	13.286	154	770037	18.902	ng/ul	100
44) 2-Chloronaphthalene	13.327	162	596436	19.157	ng/ul	99
45) 2-Nitroaniline	13.545	65	147054	18.321	ng/ul	98
47) Dimethylphthalate	13.916	163	700782	18.752	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	141219	19.113	ng/ul	98
50) Acenaphthylene	14.174	152	969936	19.146	ng/ul	98
51) 3-Nitroaniline	14.380	138	139961	18.488	ng/ul	96
52) Acenaphthene	14.516	153	632810	18.830	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	86217	21.175	ng/ul	91
55) 4-Nitrophenol	14.716	109	56658	15.316	ng/ul	92
56) Dibenzofuran	14.851	168	872059	18.960	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	208621	19.446	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.092	232	158873	19.485	ng/ul	96
59) Diethylphthalate	15.280	149	706305	18.652	ng/ul	98
61) Fluorene	15.504	166	709527	18.995	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.498	204	334475	19.079	ng/ul	98
63) 4-Nitroaniline	15.539	138	128889m	19.060	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	113893	17.628	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	607372	19.055	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	195887	18.758	ng/ul	99
69) Hexachlorobenzene	16.510	284	228436	18.907	ng/ul	99
70) Atrazine	16.668	200	208986	18.569	ng/ul	98
71) Pentachlorophenol	16.862	266	139087	21.836	ng/ul	99
72) Phenanthrene	17.239	178	1102614	18.804	ng/ul	100
74) Anthracene	17.333	178	1128660	18.812	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	300780	18.094	ng/ul	98
76) Pentachlorobenzene	14.774	250	283510	19.182	ng/ul	99
77) Carbazole	17.610	167	1013053	18.710	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1197923	15.970	ng/ul	100
80) Fluoranthene	19.262	202	1250319	18.851	ng/ul	100
82) Pyrene	19.621	202	1307834	18.839	ng/ul	99
83) Butylbenzylphthalate	20.521	149	539532	18.078	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.309	252	383151	18.941	ng/ul	99
85) Benzo(a)anthracene	21.368	228	1274632	19.034	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.297	149	802677	18.123	ng/ul	100
87) Chrysene	21.421	228	1267612	18.989	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	1432729	18.331	ng/ul	100
90) Benzo(b)fluoranthene	23.015	252	1368902	19.354	ng/ul	99
91) Benzo(k)fluoranthene	23.062	252	1284242	18.877	ng/ul	99
93) Benzo(a)pyrene	23.621	252	1373862	19.375	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.144	276	1590029	19.153	ng/ul	99
95) Dibenzo(a,h)anthracene	26.150	278	1350435	19.011	ng/ul	98
96) Benzo(g,h,i)perylene	26.885	276	1356396	19.064	ng/ul	99

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

