

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
 Data File : BM034731.D
 Acq On : 20 Apr 2022 19:35
 Operator : CG/JU
 Sample : SSTD01026
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010026

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 21 03:33:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 03:29:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	229512	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	918890	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	566009	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	1053058	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	894839	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	879780	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	21206	3.975	ng/uL	0.00
4) Pyridine-d5	3.799	84	126486	10.104	ng/u1	0.00
7) Phenol-d5	7.104	99	171374	10.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	102346	10.829	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	144863	9.969	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	135239	9.922	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	63603	10.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	62747	9.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	139224	9.180	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	194387	9.806	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	400033	9.430	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	519156	9.589	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	56704	8.662	ng/u1	0.00
60) Fluorene-d10	15.569	176	352080	9.567	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	42903	7.956	ng/u1	0.00
73) Anthracene-d10	17.415	188	501181	9.737	ng/u1	0.00
81) Pyrene-d10	19.704	212	500646	10.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	432541	9.570	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	20963	3.865	ng/uL	94
5) Pyridine	3.816	79	137089	10.569	ng/u1	99
6) Benzaldehyde	7.081	77	118470	13.466	ng/u1	98
8) Phenol	7.134	94	170972	10.310	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	134174	10.290	ng/u1	100
12) 2-Chlorophenol	7.510	128	148688	10.117	ng/u1	97
13) 2-Methylphenol	8.387	108	128404	10.060	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	201759	11.812	ng/u1	99
16) Acetophenone	8.769	105	219119	10.656	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	104030	10.696	ng/u1	96
18) 4-Methylphenol	8.716	108	141047	10.343	ng/u1	95
19) Hexachloroethane	9.040	117	62022	10.173	ng/u1	96
22) Nitrobenzene	9.145	77	150682	10.652	ng/u1	100
23) Isophorone	9.681	82	277133	10.089	ng/u1	99
25) 2-Nitrophenol	9.863	139	70173	9.885	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	159702	10.042	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.163	93	178628	10.336	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	138919	9.563	ng/u1	99
30) Naphthalene	10.804	128	469601	9.938	ng/u1	99
32) 4-Chloroaniline	10.904	127	194557	9.946	ng/u1	99
33) Hexachlorobutadiene	11.104	225	96580	8.845	ng/u1	99
34) Caprolactam	11.669	113	30603m	8.803	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	133376	9.836	ng/u1	99
36) 2-Methylnaphthalene	12.410	142	324006	9.849	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	332026	10.002	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.781	216	170267	8.393	ng/ul	100
40) Hexachlorocyclopentadiene	12.769	237	105812	7.586	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	101021	8.458	ng/ul	96
42) 2,4,5-Trichlorophenol	13.080	196	106813	8.480	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	438116	9.300	ng/ul	100
44) 2-Chloronaphthalene	13.457	162	339280	9.259	ng/ul	99
45) 2-Nitroaniline	13.651	65	68766	10.055	ng/ul	98
47) Dimethylphthalate	14.039	163	397184	9.729	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	65666	9.720	ng/ul	88
50) Acenaphthylene	14.298	152	523985	9.826	ng/ul	99
51) 3-Nitroaniline	14.475	138	68646	11.848	ng/ul	98
52) Acenaphthene	14.645	153	348146	9.971	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	27018	7.150	ng/ul	97
55) 4-Nitrophenol	14.769	109	48793	9.783	ng/ul	98
56) Dibenzofuran	14.974	168	488661	9.673	ng/ul	98
57) 2,4-Dinitrotoluene	14.927	165	91282	9.606	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.198	232	81089	7.996	ng/ul	99
59) Diethylphthalate	15.404	149	388840	9.798	ng/ul	100
61) Fluorene	15.627	166	396773	9.712	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.621	204	198463	9.066	ng/ul	97
63) 4-Nitroaniline	15.627	138	65722	12.392	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.692	198	43743	7.959	ng/ul	97
67) N-Nitrosodiphenylamine	15.833	169	329236	10.431	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	111239	9.002	ng/ul	98
69) Hexachlorobenzene	16.627	284	126217	8.676	ng/ul	99
70) Atrazine	16.780	200	103718	8.530	ng/ul	99
71) Pentachlorophenol	16.968	266	63354	7.134	ng/ul	98
72) Phenanthrene	17.363	178	579285	10.026	ng/ul	99
74) Anthracene	17.451	178	581443	9.919	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	172951	9.172	ng/ul	100
76) Pentachlorobenzene	14.898	250	158308	9.114	ng/ul	99
77) Carbazole	17.715	167	503321	9.822	ng/ul	99
78) Di-n-butylphthalate	18.298	149	565600	9.730	ng/ul	100
80) Fluoranthene	19.374	202	606369	11.004	ng/ul	99
82) Pyrene	19.733	202	622106	10.994	ng/ul	100
83) Butylbenzylphthalate	20.639	149	205704	11.110	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.409	252	177325	9.567	ng/ul	99
85) Benzo(a)anthracene	21.480	228	557169	10.049	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	323887	10.944	ng/ul	98
87) Chrysene	21.533	228	546385	10.135	ng/ul	100
89) Di-n-octyl phthalate	22.350	149	502908	10.501	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	542860	9.910	ng/ul	98
91) Benzo(k)fluoranthene	23.209	252	526365	10.242	ng/ul	100
93) Benzo(a)pyrene	23.786	252	528737	9.970	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.380	276	714135	11.203	ng/ul	98
95) Dibenzo(a,h)anthracene	26.397	278	618029	11.256	ng/ul	100
96) Benzo(g,h,i)perylene	27.144	276	612652	11.241	ng/ul	99

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

