

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031122\
 Data File : BM034238.D
 Acq On : 12 Mar 2022 01:14
 Operator : CG/JU
 Sample : PB143172BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS172

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2022
 Supervised By :mohammad ahmed 03/14/2022

Quant Time: Mar 12 01:53:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 02:00:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	186736	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	775516	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.589	164	509081	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.330	188	982321	20.000	ng/u1	0.00
79) Chrysene-d12	21.500	240	897372	20.000	ng/u1	0.00
88) Perylene-d12	23.918	264	885866	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	22275	5.207	ng/uL	0.00
4) Pyridine-d5	3.743	84	283932	27.877	ng/u1	0.00
7) Phenol-d5	7.101	99	380490	30.448	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.272	67	222197	30.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.478	132	333583	30.888	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	325683	30.473	ng/u1	0.00
21) Nitrobenzene-d5	9.113	128	167029	30.026	ng/u1	0.00
24) 2-Nitrophenol-d4	9.836	143	183963	29.824	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.378	165	378203	30.584	ng/u1	0.00
31) 4-Chloroaniline-d4	10.889	131	399799	25.997	ng/u1	0.00
46) Dimethylphthalate-d6	13.995	166	1047170	28.270	ng/u1	0.00
49) Acenaphthylene-d8	14.283	160	1351008	28.716	ng/u1	0.00
54) 4-Nitrophenol-d4	14.771	143	159766	27.690	ng/u1	0.00
60) Fluorene-d10	15.577	176	912914	28.154	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	170839	27.488	ng/u1	0.00
73) Anthracene-d10	17.430	188	1338681	28.853	ng/u1	0.00
81) Pyrene-d10	19.712	212	1491955	30.539	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.765	264	1356448	31.037	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.355	88	43551	10.275	ng/uL	99
5) Pyridine	3.760	79	292783	27.738	ng/u1	99
6) Benzaldehyde	7.078	77	230860	35.496	ng/u1	99
8) Phenol	7.131	94	362230	29.377	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.366	93	299475	29.134	ng/u1	100
12) 2-Chlorophenol	7.507	128	327960	30.098	ng/u1	98
13) 2-Methylphenol	8.390	108	294505	29.847	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.478	45	289261	30.516	ng/u1	99
16) Acetophenone	8.772	105	484873	28.893	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.766	70	245762	31.123	ng/u1	98
18) 4-Methylphenol	8.719	108	315539	29.663	ng/u1	96
19) Hexachloroethane	9.042	117	141195	28.732	ng/u1	91
22) Nitrobenzene	9.154	77	347807	28.807	ng/u1	99
23) Isophorone	9.684	82	665424	29.160	ng/u1	98
25) 2-Nitrophenol	9.872	139	190272	30.123	ng/u1	99
26) 2,4-Dimethylphenol	9.931	107	366142	28.055	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.166	93	410302	29.228	ng/u1	99
29) 2,4-Dichlorophenol	10.407	162	346078	29.000	ng/u1	99
30) Naphthalene	10.813	128	1076826	27.803	ng/u1	99
32) 4-Chloroaniline	10.919	127	379650	24.821	ng/u1	99
33) Hexachlorobutadiene	11.107	225	266274	27.005	ng/u1	99
34) Caprolactam	11.678	113	94696m	28.364	ng/u1	
35) 4-Chloro-3-methylphenol	12.042	107	333551	30.130	ng/u1	99
36) 2-Methylnaphthalene	12.425	142	757273	28.471	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.642	142	770437	28.360	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.789	216	474832	27.034	ng/ul	99
40) Hexachlorocyclopentadiene	12.777	237	295251	23.562	ng/ul	96
41) 2,4,6-Trichlorophenol	13.025	196	301970	29.341	ng/ul	95
42) 2,4,5-Trichlorophenol	13.095	196	319314	28.628	ng/ul	98
43) 1,1'-Biphenyl	13.430	154	1055505	27.912	ng/ul	99
44) 2-Chloronaphthalene	13.472	162	820783	27.460	ng/ul	99
45) 2-Nitroaniline	13.666	65	181097	30.548	ng/ul	94
47) Dimethylphthalate	14.048	163	999016	27.626	ng/ul	100
48) 2,6-Dinitrotoluene	14.160	165	208949	29.634	ng/ul	97
50) Acenaphthylene	14.313	152	1281269	27.800	ng/ul	100
51) 3-Nitroaniline	14.483	138	162978	26.546	ng/ul	99
52) Acenaphthene	14.654	153	839851	27.783	ng/ul	99
53) 2,4-Dinitrophenol	14.689	184	109224	23.825	ng/ul	97
55) 4-Nitrophenol	14.783	109	128824	26.829	ng/ul	94
56) Dibenzofuran	14.989	168	1208561	27.605	ng/ul	99
57) 2,4-Dinitrotoluene	14.942	165	287264	29.607	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.213	232	272831	28.610	ng/ul	98
59) Diethylphthalate	15.407	149	967490	28.002	ng/ul	99
61) Fluorene	15.636	166	983117	27.612	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.630	204	532631	27.592	ng/ul	98
63) 4-Nitroaniline	15.642	138	162137	31.197	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.707	198	166750	27.449	ng/ul#	96
67) N-Nitrosodiphenylamine	15.836	169	820174	28.868	ng/ul	100
68) 4-Bromophenyl-phenylether	16.518	248	320637	28.971	ng/ul	98
69) Hexachlorobenzene	16.642	284	393401	28.497	ng/ul	98
70) Atrazine	16.789	200	310533	27.741	ng/ul	99
71) Pentachlorophenol	16.977	266	227322	27.376	ng/ul	100
72) Phenanthrene	17.371	178	1483135	28.358	ng/ul	99
74) Anthracene	17.465	178	1460459	28.137	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.395	216	486068	27.985	ng/ul	99
76) Pentachlorobenzene	14.913	250	484710	29.665	ng/ul	99
77) Carbazole	17.730	167	1189971	28.210	ng/ul	100
78) Di-n-butylphthalate	18.301	149	1477894	29.303	ng/ul	100
80) Fluoranthene	19.383	202	1646328	29.617	ng/ul	100
82) Pyrene	19.742	202	1708159	29.612	ng/ul	98
83) Butylbenzylphthalate	20.636	149	594280	30.776	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.412	252	450311	25.313	ng/ul	96
85) Benzo(a)anthracene	21.483	228	1536606	29.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.418	149	848397	29.541	ng/ul	98
87) Chrysene	21.536	228	1573060	27.861	ng/ul	99
89) Di-n-octyl phthalate	22.342	149	1397753	29.446	ng/ul	100
90) Benzo(b)fluoranthene	23.183	252	1608808	30.977	ng/ul	99
91) Benzo(k)fluoranthene	23.230	252	1561909	29.505	ng/ul	99
93) Benzo(a)pyrene	23.812	252	1596701	30.824	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.441	276	1747966	30.862	ng/ul	99
95) Dibenzo(a,h)anthracene	26.459	278	1480181	31.193	ng/ul	99
96) Benzo(g,h,i)perylene	27.218	276	1560662	29.631	ng/ul	98

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

