

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081522\
 Data File : BM036290.D
 Acq On : 15 Aug 2022 17:18
 Operator : CG/JU
 Sample : PB147022BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS022

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2022
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 15 17:47:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 14 23:34:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	182744	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	812544	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	493926	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	1009494	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	1010742	20.000	ng/u1	0.00
88) Perylene-d12	23.709	264	1027240	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	29631	6.101	ng/uL	0.00
4) Pyridine-d5	3.634	84	405884	30.507	ng/u1	0.00
7) Phenol-d5	6.987	99	515540	33.641	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	329855	32.288	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	432142	33.972	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	410511	33.066	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	220764	34.287	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	223720	35.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	388200	34.216	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	788193	41.037	ng/u1	0.00
46) Dimethylphthalate-d6	13.868	166	1147201	34.097	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1434261	33.411	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	222306	32.176	ng/u1	0.00
60) Fluorene-d10	15.439	176	1019410	33.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	183042	33.732	ng/u1	0.00
73) Anthracene-d10	17.292	188	1543471	33.819	ng/u1	0.00
81) Pyrene-d10	19.586	212	1789386	31.943	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1776438	34.063	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	60115	11.945	ng/uL	98
5) Pyridine	3.657	79	407232	29.168	ng/u1	88
6) Benzaldehyde	6.951	77	293338	45.607	ng/u1	92
8) Phenol	7.016	94	523959	31.243	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.234	93	413891	30.698	ng/u1	98
12) 2-Chlorophenol	7.369	128	414545	31.768	ng/u1	100
13) 2-Methylphenol	8.263	108	389311	31.074	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.345	45	557534m	31.328	ng/u1	
16) Acetophenone	8.639	105	624995	31.355	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.622	70	319292	32.122	ng/u1	97
18) 4-Methylphenol	8.598	108	425325	31.645	ng/u1	98
19) Hexachloroethane	8.875	117	175449	32.587	ng/u1	88
22) Nitrobenzene	9.016	77	484568	32.888	ng/u1	98
23) Isophorone	9.545	82	879878	31.635	ng/u1	97
25) 2-Nitrophenol	9.728	139	231268	33.231	ng/u1	98
26) 2,4-Dimethylphenol	9.798	107	426352	29.981	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.028	93	551644	31.448	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	373283	31.699	ng/u1	98
30) Naphthalene	10.657	128	1356836	31.637	ng/u1	99
32) 4-Chloroaniline	10.780	127	442446	23.190	ng/u1	98
33) Hexachlorobutadiene	10.933	225	222071	30.548	ng/u1	99
34) Caprolactam	11.575	113	120255m	30.900	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	395100	32.267	ng/u1	96
36) 2-Methylnaphthalene	12.269	142	870557	31.025	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	888804	31.425	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	413433	29.405	ng/ul	97
40) Hexachlorocyclopentadiene	12.610	237	235687	25.169	ng/ul	96
41) 2,4,6-Trichlorophenol	12.886	196	261370	29.049	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	288541	30.054	ng/ul	99
43) 1,1'-Biphenyl	13.286	154	1160346	30.522	ng/ul	100
44) 2-Chloronaphthalene	13.327	162	904935	31.016	ng/ul	98
45) 2-Nitroaniline	13.545	65	268701	33.405	ng/ul	97
47) Dimethylphthalate	13.916	163	1105546	32.667	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	222271	33.081	ng/ul	90
50) Acenaphthylene	14.174	152	1462483	30.797	ng/ul	99
51) 3-Nitroaniline	14.374	138	259509	34.948	ng/ul	98
52) Acenaphthene	14.515	153	995322	32.308	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	110504	28.966	ng/ul	96
55) 4-Nitrophenol	14.692	109	162495	30.751	ng/ul	85
56) Dibenzofuran	14.851	168	1349935	31.669	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	328093	34.641	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	221260	29.332	ng/ul#	95
59) Diethylphthalate	15.274	149	1128758	32.974	ng/ul	99
61) Fluorene	15.498	166	1127291	32.374	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	524669	31.448	ng/ul	99
63) 4-Nitroaniline	15.533	138	274677m	40.180	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	173947	32.035	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	920826	31.027	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	311047	31.430	ng/ul	98
69) Hexachlorobenzene	16.492	284	372030	30.852	ng/ul	96
70) Atrazine	16.668	200	79115	7.686	ng/ul	98
71) Pentachlorophenol	16.845	266	164008	22.264	ng/ul	98
72) Phenanthrene	17.233	178	1741697	32.190	ng/ul	99
74) Anthracene	17.327	178	1759309	32.405	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	436570	27.810	ng/uL	97
76) Pentachlorobenzene	14.763	250	433052	30.432	ng/uL	99
77) Carbazole	17.604	167	1657017	33.045	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1925053	34.026	ng/ul	99
80) Fluoranthene	19.250	202	2006047	29.973	ng/ul	99
82) Pyrene	19.615	202	2110108	30.588	ng/ul	98
83) Butylbenzylphthalate	20.515	149	868401	34.611	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.297	252	631075	33.835	ng/ul	98
85) Benzo(a)anthracene	21.362	228	2041603	32.092	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1242193	34.264	ng/ul	98
87) Chrysene	21.415	228	1947143	31.369	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	2096467	31.603	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2138743	31.197	ng/ul	98
91) Benzo(k)fluoranthene	23.044	252	2067731	31.784	ng/ul	97
93) Benzo(a)pyrene	23.603	252	1872032	28.669	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	2510041	36.063	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.144	278	2084855	34.914	ng/ul	97
96) Benzo(g,h,i)perylene	26.874	276	2048423	35.515	ng/ul	97

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

