

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036379.D
 Acq On : 22 Aug 2022 23:34
 Operator : CG/JU
 Sample : PB147176BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS176

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Aug 23 01:08:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	217061	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	934001	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	570897	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1149909	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1114426	20.000	ng/u1	0.00
88) Perylene-d12	23.685	264	1085598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	35306	6.199	ng/uL	0.00
4) Pyridine-d5	3.628	84	476049	30.309	ng/u1	0.00
7) Phenol-d5	6.969	99	623875	33.672	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	408624	35.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	492069	33.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	473995	34.263	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	242901	34.301	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	244679	34.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	452319	35.242	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	669161	33.631	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1283483	35.536	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1579874	35.071	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	249941	36.522	ng/u1	0.00
60) Fluorene-d10	15.427	176	1176004	36.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	194553	32.909	ng/u1	0.00
73) Anthracene-d10	17.280	188	1827994	35.751	ng/u1	0.00
81) Pyrene-d10	19.574	212	2015623	34.867	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.538	264	1925159	36.169	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	78912	13.154	ng/uL	98
5) Pyridine	3.652	79	484348	29.852	ng/u1	92
6) Benzaldehyde	6.940	77	245212	32.220	ng/u1	92
8) Phenol	6.998	94	660386	34.282	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.228	93	526496	34.171	ng/u1	99
12) 2-Chlorophenol	7.357	128	517368	33.986	ng/u1	97
13) 2-Methylphenol	8.251	108	486821	34.284	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.334	45	757545m	36.749	ng/u1	
16) Acetophenone	8.628	105	781033	35.102	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.610	70	405097	36.579	ng/u1	97
18) 4-Methylphenol	8.581	108	529419	34.830	ng/u1	98
19) Hexachloroethane	8.863	117	217823	34.202	ng/u1	86
22) Nitrobenzene	9.004	77	597864	35.632	ng/u1	97
23) Isophorone	9.533	82	1104807	37.078	ng/u1	96
25) 2-Nitrophenol	9.716	139	277754	34.708	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	566491	35.396	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	697314	35.947	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	461387	35.137	ng/u1	99
30) Naphthalene	10.639	128	1679758	34.266	ng/u1	99
32) 4-Chloroaniline	10.769	127	456973	22.580	ng/u1	99
33) Hexachlorobutadiene	10.916	225	269296	32.644	ng/u1	99
34) Caprolactam	11.563	113	142756m	36.284	ng/u1	
35) 4-Chloro-3-methylphenol	11.898	107	503783	37.944	ng/u1	100
36) 2-Methylnaphthalene	12.257	142	1118531	36.367	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	1114884	35.993	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.621	216	516414	32.727	ng/ul#	97
40) Hexachlorocyclopentadiene	12.598	237	229306	24.495	ng/ul	96
41) 2,4,6-Trichlorophenol	12.874	196	329706	33.205	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	355724	33.775	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1464058	34.098	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	1110099	33.692	ng/ul	99
45) 2-Nitroaniline	13.533	65	343216	38.468	ng/ul	94
47) Dimethylphthalate	13.904	163	1333013	35.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.027	165	265995	37.920	ng/ul#	87
50) Acenaphthylene	14.157	152	1889331	35.566	ng/ul	100
51) 3-Nitroaniline	14.363	138	305395	39.811	ng/ul	98
52) Acenaphthene	14.498	153	1225200	35.385	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	129385	33.846	ng/ul	94
55) 4-Nitrophenol	14.680	109	199758	36.943	ng/ul	83
56) Dibenzofuran	14.833	168	1705315	35.495	ng/ul	96
57) 2,4-Dinitrotoluene	14.815	165	389046	39.108	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.063	232	284112	35.528	ng/ul#	87
59) Diethylphthalate	15.262	149	1399811	38.196	ng/ul	99
61) Fluorene	15.486	166	1405135	36.874	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	648064	36.407	ng/ul	100
63) 4-Nitroaniline	15.527	138	339365m	47.424	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.574	198	200002	33.461	ng/ul#	89
67) N-Nitrosodiphenylamine	15.698	169	1162473	35.361	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	367980	34.560	ng/ul	96
69) Hexachlorobenzene	16.480	284	439916	34.093	ng/ul	94
70) Atrazine	16.651	200	110426	9.831	ng/ul	98
71) Pentachlorophenol	16.833	266	237954	33.450	ng/ul	99
72) Phenanthrene	17.221	178	2154154	35.634	ng/ul	98
74) Anthracene	17.315	178	2197950	36.267	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	510073	29.563	ng/uL	97
76) Pentachlorobenzene	14.751	250	509494	31.625	ng/uL	100
77) Carbazole	17.592	167	2036316	35.886	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2408773	38.811	ng/ul	99
80) Fluoranthene	19.239	202	2470030	35.354	ng/ul	99
82) Pyrene	19.603	202	2558574	35.093	ng/ul	99
83) Butylbenzylphthalate	20.503	149	1035847	37.977	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.286	252	821454	35.795	ng/ul	100
85) Benzo(a)anthracene	21.344	228	2377578	35.502	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1544099	41.002	ng/ul	98
87) Chrysene	21.397	228	2321588	35.280	ng/ul	98
89) Di-n-octyl phthalate	22.180	149	2534082	39.267	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	2440850	36.878	ng/ul	98
91) Benzo(k)fluoranthene	23.027	252	2276531	36.153	ng/ul	98
93) Benzo(a)pyrene	23.586	252	2354875	36.166	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.103	276	2670177	34.878	ng/ul	98
95) Dibenzo(a,h)anthracene	26.115	278	2308085	34.998	ng/ul	98
96) Benzo(g,h,i)perylene	26.844	276	2236312	34.159	ng/ul	99

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

