

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083122\
 Data File : BM036470.D
 Acq On : 31 Aug 2022 13:05
 Operator : CG/JU
 Sample : PB147325BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS325

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/01/2022
 Supervised By :Sohil Jodhani 09/02/2022

Quant Time: Aug 31 13:36:44 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	7.728	152	211940	20.000	ng/u1	0.00
20) Naphthalene-d8	10.528	136	990328	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.380	164	642062	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	1350034	20.000	ng/u1	0.00
79) Chrysene-d12	21.315	240	1257767	20.000	ng/u1	0.01
88) Perylene-d12	23.609	264	1225936	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	31885	5.734	ng/uL	-0.01
4) Pyridine-d5	3.558	84	442867	28.878	ng/u1	-0.01
7) Phenol-d5	6.910	99	640693	35.415	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	404054	35.483	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	495556	34.864	ng/u1	0.00
15) 4-Methylphenol-d8	8.457	113	509345	37.708	ng/u1	0.00
21) Nitrobenzene-d5	8.898	128	258934	34.485	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	277888	36.486	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	492977	36.225	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	580221	27.503	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	1493712	36.773	ng/u1	0.00
49) Acenaphthylene-d8	14.074	160	1770865	34.954	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	301868	39.221	ng/u1	0.00
60) Fluorene-d10	15.374	176	1318106	35.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	254709	36.698	ng/u1	0.00
73) Anthracene-d10	17.227	188	2081773	34.679	ng/u1	0.00
81) Pyrene-d10	19.521	212	2225490	34.110	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.462	264	2127864	35.401	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	68457	11.687	ng/uL	96
5) Pyridine	3.581	79	491054	30.996	ng/u1	95
6) Benzaldehyde	6.875	77	227460	30.609	ng/u1	92
8) Phenol	6.940	94	676542	35.969	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.163	93	526701	35.011	ng/u1	100
12) 2-Chlorophenol	7.293	128	519469	34.949	ng/u1	97
13) 2-Methylphenol	8.187	108	511386	36.884	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.269	45	774254	38.467	ng/u1	99
16) Acetophenone	8.563	105	838271	38.585	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.551	70	442374	40.910	ng/u1	98
18) 4-Methylphenol	8.522	108	560758	37.783	ng/u1	98
19) Hexachloroethane	8.798	117	214469	34.489	ng/u1	86
22) Nitrobenzene	8.945	77	630870	35.460	ng/u1	99
23) Isophorone	9.469	82	1229477	38.915	ng/u1	96
25) 2-Nitrophenol	9.651	139	309338	36.456	ng/u1	97
26) 2,4-Dimethylphenol	9.716	107	607299	35.788	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.957	93	745715	36.256	ng/u1	100
29) 2,4-Dichlorophenol	10.187	162	504836	36.259	ng/u1	99
30) Naphthalene	10.581	128	1761672	33.893	ng/u1	99
32) 4-Chloroaniline	10.704	127	460351	21.453	ng/u1	100
33) Hexachlorobutadiene	10.851	225	294861	33.710	ng/u1	100
34) Caprolactam	11.504	113	169578m	40.650	ng/u1	
35) 4-Chloro-3-methylphenol	11.839	107	569599	40.461	ng/u1	99
36) 2-Methylnaphthalene	12.198	142	1197020	36.705	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1214757	36.987	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	572512	32.261	ng/ul	99
40) Hexachlorocyclopentadiene	12.539	237	296932	28.203	ng/ul	98
41) 2,4,6-Trichlorophenol	12.816	196	374427	33.530	ng/ul	99
42) 2,4,5-Trichlorophenol	12.892	196	416586	35.170	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	1608743	33.314	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	1217882	32.866	ng/ul	98
45) 2-Nitroaniline	13.475	65	396980	39.563	ng/ul	95
47) Dimethylphthalate	13.851	163	1558413	37.272	ng/ul	99
48) 2,6-Dinitrotoluene	13.974	165	320819	40.667	ng/ul	89
50) Acenaphthylene	14.104	152	2072632	34.692	ng/ul	100
51) 3-Nitroaniline	14.304	138	350326	40.606	ng/ul	95
52) Acenaphthene	14.445	153	1343382	34.498	ng/ul	98
53) 2,4-Dinitrophenol	14.516	184	184058	42.811	ng/ul	91
55) 4-Nitrophenol	14.627	109	245880	40.433	ng/ul	84
56) Dibenzofuran	14.780	168	1886105	34.907	ng/ul	96
57) 2,4-Dinitrotoluene	14.763	165	463281	41.408	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.010	232	317045	35.252	ng/ul#	93
59) Diethylphthalate	15.216	149	1646056	39.937	ng/ul	99
61) Fluorene	15.427	166	1574887	36.748	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.427	204	740979	37.013	ng/ul	99
63) 4-Nitroaniline	15.474	138	392869m	48.816	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.527	198	258893	36.893	ng/ul#	95
67) N-Nitrosodiphenylamine	15.645	169	1309216	33.921	ng/ul	98
68) 4-Bromophenyl-phenylether	16.321	248	434039	34.721	ng/ul	98
69) Hexachlorobenzene	16.427	284	516935	34.123	ng/ul	97
70) Atrazine	16.604	200	19006	1.441	ng/ul	97
71) Pentachlorophenol	16.780	266	270929	32.440	ng/ul	99
72) Phenanthrene	17.168	178	2449176	34.509	ng/ul	98
74) Anthracene	17.257	178	2500136	35.138	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.175	216	570977	28.187	ng/uL	98
76) Pentachlorobenzene	14.698	250	579652	30.647	ng/uL	100
77) Carbazole	17.539	167	2327682	34.940	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2988346	41.011	ng/ul	99
80) Fluoranthene	19.186	202	2738701	34.732	ng/ul	99
82) Pyrene	19.551	202	2814093	34.199	ng/ul	97
83) Butylbenzylphthalate	20.456	149	1250993	40.638	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.239	252	935288	36.111	ng/ul	98
85) Benzo(a)anthracene	21.298	228	2669660	35.320	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1915128	45.059	ng/ul	98
87) Chrysene	21.350	228	2573034	34.645	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	3167706	43.466	ng/ul	100
90) Benzo(b)fluoranthene	22.915	252	2722546m	36.425	ng/ul	
91) Benzo(k)fluoranthene	22.956	252	2620615	36.853	ng/ul	97
93) Benzo(a)pyrene	23.509	252	2631133	35.783	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.980	276	2880859	33.323	ng/ul	96
95) Dibenzo(a,h)anthracene	25.997	278	2490875	33.446	ng/ul	97
96) Benzo(g,h,i)perylene	26.703	276	2330637	31.524	ng/ul	98

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

