

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
 Data File : BP016782.D
 Acq On : 26 Aug 2023 12:29
 Operator : MA/JU
 Sample : PB155028BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS028

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 16:09:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:47:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	345962	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	1503543	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	931091	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2014261	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1588651	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1312677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	79347	9.479	ng/uL	0.00
4) Pyridine-d5	3.816	84	937924	36.665	ng/u1	0.00
7) Phenol-d5	7.175	99	1233539	40.098	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	729641	37.214	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	920614	39.802	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	953069	37.951	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	460572	40.514	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	506387	42.259	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	938235	41.998	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	1246115	36.373	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	2716802	38.691	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	3203227	40.354	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	525292	36.194	ng/u1	0.00
60) Fluorene-d10	15.681	176	2367005	40.030	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	432947	36.092	ng/u1	0.00
73) Anthracene-d10	17.557	188	3678168	41.197	ng/u1	0.00
81) Pyrene-d10	19.792	212	4065696	46.597	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2757218	41.933	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.422	88	144558	15.858	ng/uL	96
5) Pyridine	3.840	79	959838	36.427	ng/u1	96
6) Benzaldehyde	7.187	77	753128	44.767	ng/u1	99
8) Phenol	7.205	94	1334371	41.447	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	1043799	40.166	ng/u1	96
12) 2-Chlorophenol	7.587	128	1009195	42.686	ng/u1	98
13) 2-Methylphenol	8.469	108	998332	41.339	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	1432153m	37.780	ng/u1	
16) Acetophenone	8.887	105	1598400	41.048	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.857	70	837716	40.822	ng/u1	98
18) 4-Methylphenol	8.810	108	1095482	41.657	ng/u1	99
19) Hexachloroethane	9.104	117	404019	41.071	ng/u1	98
22) Nitrobenzene	9.275	77	1228105	42.109	ng/u1	99
23) Isophorone	9.793	82	2371435	41.866	ng/u1	100
25) 2-Nitrophenol	9.981	139	589895	44.521	ng/u1	99
26) 2,4-Dimethylphenol	10.016	107	1100617	41.329	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.275	93	1441903	41.260	ng/u1	100
29) 2,4-Dichlorophenol	10.504	162	996187	44.393	ng/u1	99
30) Naphthalene	10.916	128	3300159	42.372	ng/u1	100
32) 4-Chloroaniline	11.045	127	1310391	38.922	ng/u1	99
33) Hexachlorobutadiene	11.145	225	579948	41.956	ng/u1	98
34) Caprolactam	11.875	113	337747m	40.813	ng/u1	
35) 4-Chloro-3-methylphenol	12.145	107	1105512	43.932	ng/u1	98
36) 2-Methylnaphthalene	12.516	142	2244089	41.742	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	2224517	41.033	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	1144785	43.139	ng/ul	100
40) Hexachlorocyclopentadiene	12.816	237	614874	31.507	ng/ul	97
41) 2,4,6-Trichlorophenol	13.116	196	803094	45.318	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	880264	45.904	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	2996143	43.280	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	2372550	43.414	ng/ul	100
45) 2-Nitroaniline	13.804	65	726352	43.826	ng/ul	92
47) Dimethylphthalate	14.151	163	3007763	42.296	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	643664	46.192	ng/ul	96
50) Acenaphthylene	14.416	152	3732572	41.083	ng/ul	100
51) 3-Nitroaniline	14.628	138	668153	46.048	ng/ul	100
52) Acenaphthene	14.751	153	2581222	42.945	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	311883	30.802	ng/ul	95
55) 4-Nitrophenol	14.916	109	425090	38.783	ng/ul	98
56) Dibenzofuran	15.086	168	3540995	42.936	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	916360	44.678	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.304	232	722760	44.272	ng/ul	98
59) Diethylphthalate	15.504	149	3058072	42.330	ng/ul	99
61) Fluorene	15.739	166	2951440	42.785	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.728	204	1443126	42.610	ng/ul	99
63) 4-Nitroaniline	15.798	138	654537	47.406	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.828	198	480397	37.146	ng/ul	97
67) N-Nitrosodiphenylamine	15.951	169	2502286	44.916	ng/ul	100
68) 4-Bromophenyl-phenylether	16.633	248	862844	44.680	ng/ul	98
69) Hexachlorobenzene	16.716	284	945792	43.741	ng/ul	98
70) Atrazine	16.910	200	808445	38.491	ng/ul	98
71) Pentachlorophenol	17.080	266	589100	36.702	ng/ul	98
72) Phenanthrene	17.498	178	4662345	43.967	ng/ul	100
74) Anthracene	17.592	178	4695257	43.790	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	771508	28.606	ng/ul	99
76) Pentachlorobenzene	14.981	250	1110846	46.088	ng/ul	98
77) Carbazole	17.875	167	4318034	44.715	ng/ul	100
78) Di-n-butylphthalate	18.380	149	5296114	43.959	ng/ul	100
80) Fluoranthene	19.463	202	5371373	51.248	ng/ul	98
82) Pyrene	19.821	202	5500693	50.807	ng/ul	98
83) Butylbenzylphthalate	20.674	149	2418726	51.802	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.474	252	1585691	46.698	ng/ul	99
85) Benzo(a)anthracene	21.539	228	4882137	44.615	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	3518604	51.610	ng/ul	100
87) Chrysene	21.592	228	4433934	44.607	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	5749628	58.163	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	3924386	46.817	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	3858700	46.546	ng/ul	99
93) Benzo(a)pyrene	24.009	252	3259645	42.991	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.862	276	3764910	48.594	ng/ul	100
95) Dibenzo(a,h)anthracene	26.892	278	3104064	48.236	ng/ul	100
96) Benzo(g,h,i)perylene	27.721	276	3025080	51.500	ng/ul	99

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

