

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016884.D
 Acq On : 30 Aug 2023 22:30
 Operator : MA/JU
 Sample : PB155128BS
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS128

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 01:54:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	384496	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1696354	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	1040476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2257690	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1876925	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1613357	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	63902	6.869	ng/uL	0.00
4) Pyridine-d5	3.811	84	924309	32.512	ng/ul	0.00
7) Phenol-d5	7.164	99	1250272	36.569	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	746214	34.245	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	923245	35.915	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	965499	34.593	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	458119	35.718	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	509128	37.658	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	950516	37.712	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	1267537	32.793	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	2768582	35.284	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	3230026	36.414	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	514443	31.720	ng/ul	0.00
60) Fluorene-d10	15.669	176	2387278	36.129	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	443111	32.957	ng/ul	0.00
73) Anthracene-d10	17.545	188	3654278	36.516	ng/ul	0.00
81) Pyrene-d10	19.781	212	4159622	40.352	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	3092558	38.267	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	133442	13.172	ng/uL	100
5) Pyridine	3.829	79	949519	32.424	ng/ul	98
6) Benzaldehyde	7.175	77	743793	39.781	ng/ul	100
8) Phenol	7.193	94	1313535	36.711	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.458	93	1017578	35.233	ng/ul	98
12) 2-Chlorophenol	7.575	128	981138	37.341	ng/ul	99
13) 2-Methylphenol	8.458	108	965102	35.958	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1429743m	33.936	ng/ul	
16) Acetophenone	8.869	105	1563534	36.128	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.846	70	839600	36.813	ng/ul	99
18) 4-Methylphenol	8.799	108	1060087	36.271	ng/ul	99
19) Hexachloroethane	9.093	117	384987	35.214	ng/ul	98
22) Nitrobenzene	9.264	77	1221722	37.129	ng/ul	98
23) Isophorone	9.781	82	2334046	36.522	ng/ul	100
25) 2-Nitrophenol	9.969	139	569051	38.066	ng/ul	99
26) 2,4-Dimethylphenol	10.005	107	958237	31.892	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	1423664	36.108	ng/ul	98
29) 2,4-Dichlorophenol	10.487	162	972480	38.411	ng/ul	100
30) Naphthalene	10.905	128	3188366	36.284	ng/ul	100
32) 4-Chloroaniline	11.034	127	1288425	33.919	ng/ul	100
33) Hexachlorobutadiene	11.134	225	542471	34.784	ng/ul	97
34) Caprolactam	11.863	113	343009m	36.737	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	1082324	38.122	ng/ul	100
36) 2-Methylnaphthalene	12.505	142	2199145	36.257	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	2131126	34.842	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.852	216	1090839	36.784	ng/ul	99
40) Hexachlorocyclopentadiene	12.805	237	471030	21.599	ng/ul	98
41) 2,4,6-Trichlorophenol	13.104	196	775459	39.158	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	851036	39.714	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	2954150	38.187	ng/ul	100
44) 2-Chloronaphthalene	13.557	162	2333155	38.205	ng/ul	100
45) 2-Nitroaniline	13.793	65	743857	40.164	ng/ul	97
47) Dimethylphthalate	14.140	163	2930953	36.883	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	618655	39.730	ng/ul	98
50) Acenaphthylene	14.404	152	3665818	36.107	ng/ul	100
51) 3-Nitroaniline	14.616	138	639824	39.460	ng/ul	100
52) Acenaphthene	14.740	153	2510711	37.380	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	290380	25.663	ng/ul	99
55) 4-Nitrophenol	14.904	109	415192	33.898	ng/ul	99
56) Dibenzofuran	15.075	168	3455508	37.495	ng/ul	98
57) 2,4-Dinitrotoluene	15.063	165	893352	38.978	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.293	232	694442	38.066	ng/ul	99
59) Diethylphthalate	15.493	149	2948506	36.523	ng/ul	99
61) Fluorene	15.728	166	2877698	37.331	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.716	204	1392022	36.780	ng/ul	99
63) 4-Nitroaniline	15.787	138	618434	40.083	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.816	198	473208	32.645	ng/ul	98
67) N-Nitrosodiphenylamine	15.945	169	2420498	38.763	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	822330	37.991	ng/ul	97
69) Hexachlorobenzene	16.704	284	904457	37.319	ng/ul	99
70) Atrazine	16.898	200	813716	34.565	ng/ul	99
71) Pentachlorophenol	17.069	266	561349	31.202	ng/ul	99
72) Phenanthrene	17.487	178	4543748	38.229	ng/ul	99
74) Anthracene	17.581	178	4550620	37.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	109437	3.620	ng/uL	100
76) Pentachlorobenzene	14.969	250	1089290	40.321	ng/uL	98
77) Carbazole	17.863	167	4183893	38.655	ng/ul	99
78) Di-n-butylphthalate	18.375	149	5142032	38.079	ng/ul	100
80) Fluoranthene	19.451	202	5262918	42.501	ng/ul	100
82) Pyrene	19.810	202	5399257	42.211	ng/ul	99
83) Butylbenzylphthalate	20.663	149	2379195	43.129	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	1535553	38.276	ng/ul	99
85) Benzo(a)anthracene	21.528	228	4957910	38.349	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	3424586	42.516	ng/ul	100
87) Chrysene	21.586	228	4585055	39.043	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	5726434	47.132	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	4328120	42.011	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	4054735	39.795	ng/ul	99
93) Benzo(a)pyrene	23.992	252	3571588	38.327	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	3948832	41.469	ng/ul	99
95) Dibenzo(a,h)anthracene	26.863	278	3292186	41.625	ng/ul	100
96) Benzo(g,h,i)perylene	27.692	276	3113292	43.124	ng/ul	99

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

