

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 15:21
 Operator : CG/JU
 Sample : PB152814BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS814

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 19 22:43:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	271662	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1320665	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	828529	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1840378	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1646904	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1733611	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	48887	6.992	ng/uL	0.00
4) Pyridine-d5	3.869	84	644571	32.523	ng/u1	0.00
7) Phenol-d5	7.275	99	845879	33.536	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	508771	34.925	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	661045	35.644	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	718588	35.753	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	371786	35.825	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	412477	35.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	754149	36.194	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	1000461	32.452	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	2302130	36.770	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	2621364	36.608	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	465960	38.328	ng/u1	0.00
60) Fluorene-d10	15.757	176	1946712	36.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	387094	33.375	ng/u1	0.00
73) Anthracene-d10	17.616	188	3004340	35.650	ng/u1	0.00
81) Pyrene-d10	19.833	212	3518311	36.834	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	3274573	38.051	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	97601	12.991	ng/uL	99
5) Pyridine	3.887	79	615763	29.873	ng/u1	96
6) Benzaldehyde	7.258	77	406272	58.601	ng/u1	98
8) Phenol	7.305	94	843814	32.624	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	662981	32.039	ng/u1	97
12) 2-Chlorophenol	7.687	128	633549	32.297	ng/u1	99
13) 2-Methylphenol	8.569	108	655682	32.801	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.663	45	879373	33.919	ng/u1	99
16) Acetophenone	8.957	105	1045437	33.327	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.946	70	540202	32.836	ng/u1	98
18) 4-Methylphenol	8.905	108	731913	33.265	ng/u1	99
19) Hexachloroethane	9.222	117	285791	35.681	ng/u1	96
22) Nitrobenzene	9.346	77	871209	33.991	ng/u1	100
23) Isophorone	9.875	82	1734206	32.918	ng/u1	100
25) 2-Nitrophenol	10.063	139	422879	33.396	ng/u1	97
26) 2,4-Dimethylphenol	10.116	107	779117	30.834	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.357	93	1055326	32.923	ng/u1	98
29) 2,4-Dichlorophenol	10.599	162	717824	34.106	ng/u1	100
30) Naphthalene	11.010	128	2354729	32.796	ng/u1	99
32) 4-Chloroaniline	11.116	127	799999	25.248	ng/u1	99
33) Hexachlorobutadiene	11.287	225	414366	32.666	ng/u1	99
34) Caprolactam	11.898	113	260629m	32.845	ng/u1	
35) 4-Chloro-3-methylphenol	12.228	107	828716	34.871	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	1593431	32.937	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1646039	33.882	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.969	216	839857	33.893	ng/ul	99
40) Hexachlorocyclopentadiene	12.945	237	400066	24.919	ng/ul	96
41) 2,4,6-Trichlorophenol	13.204	196	573161	32.757	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	641189	33.797	ng/ul	98
43) 1,1'-Biphenyl	13.604	154	2183470	33.966	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1696297	33.789	ng/ul	100
45) 2-Nitroaniline	13.851	65	532813	37.094	ng/ul	94
47) Dimethylphthalate	14.216	163	2187273	33.546	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	453496	35.106	ng/ul	98
50) Acenaphthylene	14.492	152	2667441	33.386	ng/ul	99
51) 3-Nitroaniline	14.669	138	476312	40.949	ng/ul	96
52) Acenaphthene	14.828	153	1834976	33.627	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	253751	29.586	ng/ul	94
55) 4-Nitrophenol	14.975	109	330883	37.004	ng/ul	98
56) Dibenzofuran	15.163	168	2560968	33.742	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	661702	35.400	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.387	232	523137	32.673	ng/ul	98
59) Diethylphthalate	15.575	149	2210272	33.987	ng/ul	100
61) Fluorene	15.810	166	2061906	33.805	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	994907	33.383	ng/ul	97
63) 4-Nitroaniline	15.834	138	518258	51.595	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.892	198	370149	30.923	ng/ul#	96
67) N-Nitrosodiphenylamine	16.016	169	1815062	33.541	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	644498	34.000	ng/ul	98
69) Hexachlorobenzene	16.816	284	752591	33.596	ng/ul	98
70) Atrazine	16.963	200	363625	18.180	ng/ul	99
71) Pentachlorophenol	17.163	266	428596	30.587	ng/ul	99
72) Phenanthrene	17.563	178	3377484	33.702	ng/ul	100
74) Anthracene	17.651	178	3358358	33.140	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	851663	32.639	ng/uL	99
76) Pentachlorobenzene	15.081	250	852489	32.538	ng/uL	100
77) Carbazole	17.916	167	3159129	35.551	ng/ul	100
78) Di-n-butylphthalate	18.445	149	3955132	34.562	ng/ul	99
80) Fluoranthene	19.510	202	3968153	34.085	ng/ul	99
82) Pyrene	19.863	202	4052400	33.707	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1854495	34.795	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	1313023	36.301	ng/ul	98
85) Benzo(a)anthracene	21.574	228	3928110	34.495	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2701189	35.203	ng/ul	100
87) Chrysene	21.633	228	3724383	34.214	ng/ul	99
89) Di-n-octyl phthalate	22.451	149	4690979	39.509	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	4024025	36.615	ng/ul	100
91) Benzo(k)fluoranthene	23.416	252	3791648	35.930	ng/ul	99
93) Benzo(a)pyrene	24.039	252	3332842	34.309	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	3815539	30.335	ng/ul	98
95) Dibenzo(a,h)anthracene	26.886	278	3185003	30.847	ng/ul	99
96) Benzo(g,h,i)perylene	27.704	276	3013900	29.385	ng/ul	99

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

