

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015268.D
 Acq On : 24 May 2023 09:54
 Operator : CG/JU
 Sample : PB152975BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS975

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 24 17:58:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	213058	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	925193	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	575975	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1258385	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	877322	20.000	ng/u1	0.01
88) Perylene-d12	24.157	264	924327	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	38808	7.077	ng/uL	0.00
4) Pyridine-d5	3.864	84	333379	21.448	ng/u1	0.00
7) Phenol-d5	7.269	99	713311	36.059	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	432005	37.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	566283	38.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	599743	38.047	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	289532	39.825	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	331369	40.964	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	603955	41.375	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	388908	18.007	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1780625	40.911	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	2006849	40.316	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	298638	35.336	ng/u1	0.00
60) Fluorene-d10	15.757	176	1479501	40.285	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	286391	36.113	ng/u1	0.00
73) Anthracene-d10	17.616	188	2180876	37.848	ng/u1	0.00
81) Pyrene-d10	19.833	212	2341102	46.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1863895	40.621	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	79764	13.537	ng/uL	93
5) Pyridine	3.881	79	468512	28.982	ng/u1	95
6) Benzaldehyde	7.246	77	425710	78.295	ng/u1	99
8) Phenol	7.299	94	741428	36.551	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.534	93	579264	35.693	ng/u1	99
12) 2-Chlorophenol	7.675	128	562654	36.573	ng/u1	96
13) 2-Methylphenol	8.563	108	562386	35.872	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	745465	36.663	ng/u1	98
16) Acetophenone	8.957	105	889956	36.174	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.940	70	456647	35.392	ng/u1	95
18) 4-Methylphenol	8.899	108	613766	35.569	ng/u1	98
19) Hexachloroethane	9.210	117	226255	36.018	ng/u1	94
22) Nitrobenzene	9.340	77	702499	39.124	ng/u1	98
23) Isophorone	9.869	82	1330545	36.051	ng/u1	99
25) 2-Nitrophenol	10.057	139	339524	38.275	ng/u1#	92
26) 2,4-Dimethylphenol	10.110	107	676608	38.223	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.351	93	815957	36.336	ng/u1	97
29) 2,4-Dichlorophenol	10.593	162	581431	39.434	ng/u1	99
30) Naphthalene	10.998	128	1818857	36.161	ng/u1	99
32) 4-Chloroaniline	11.110	127	610553	27.505	ng/u1	100
33) Hexachlorobutadiene	11.281	225	361268	40.653	ng/u1	98
34) Caprolactam	11.898	113	184133m	33.124	ng/u1	
35) 4-Chloro-3-methylphenol	12.222	107	649984	39.041	ng/u1	97
36) 2-Methylnaphthalene	12.598	142	1255078	37.033	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1259144	36.996	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	706758	41.028	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	324193	29.047	ng/ul	100
41) 2,4,6-Trichlorophenol	13.198	196	479058	39.383	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	526449	39.916	ng/ul	100
43) 1,1'-Biphenyl	13.598	154	1703233	38.113	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1349816	38.677	ng/ul	99
45) 2-Nitroaniline	13.851	65	421514	42.212	ng/ul	93
47) Dimethylphthalate	14.216	163	1723168	38.016	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	372584	41.490	ng/ul	98
50) Acenaphthylene	14.487	152	2057055	37.036	ng/ul	100
51) 3-Nitroaniline	14.669	138	360837	44.624	ng/ul	97
52) Acenaphthene	14.828	153	1412279	37.229	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	181421	30.427	ng/ul	92
55) 4-Nitrophenol	14.975	109	250331	40.271	ng/ul	86
56) Dibenzofuran	15.163	168	1998146	37.870	ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	514302	39.579	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.386	232	431248	38.744	ng/ul	97
59) Diethylphthalate	15.575	149	1742566	38.545	ng/ul	99
61) Fluorene	15.810	166	1573476	37.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	802836	38.751	ng/ul	97
63) 4-Nitroaniline	15.834	138	350698	50.223	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.892	198	280493	34.271	ng/ul#	98
67) N-Nitrosodiphenylamine	16.016	169	1358811	36.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	521534	40.237	ng/ul	99
69) Hexachlorobenzene	16.816	284	598768	39.091	ng/ul	98
70) Atrazine	16.963	200	338593	24.757	ng/ul	99
71) Pentachlorophenol	17.163	266	344987	36.007	ng/ul	99
72) Phenanthrene	17.563	178	2521502	36.797	ng/ul	100
74) Anthracene	17.651	178	2481640	35.814	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	722741	40.508	ng/uL	100
76) Pentachlorobenzene	15.081	250	690113	38.522	ng/uL	99
77) Carbazole	17.916	167	2155173	35.470	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2975214	38.023	ng/ul	99
80) Fluoranthene	19.510	202	2775311	44.750	ng/ul	98
82) Pyrene	19.863	202	2762595	43.136	ng/ul	98
83) Butylbenzylphthalate	20.716	149	1238587	43.624	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	734317	38.110	ng/ul	98
85) Benzo(a)anthracene	21.580	228	2353836	38.802	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1821974	44.573	ng/ul	99
87) Chrysene	21.633	228	2194380	37.841	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	2833729	44.763	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2258461	38.542	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	2179165	38.729	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1947389	37.599	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	2538954	37.859	ng/ul	98
95) Dibenzo(a,h)anthracene	26.886	278	2108125	38.294	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	2078012	37.998	ng/ul	98

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

