

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
 Data File : BP015056.D
 Acq On : 10 May 2023 22:45
 Operator : CG/JU
 Sample : PB152685BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS685

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 23:27:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 15:17:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	324367	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	1445537	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.792	164	858614	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.551	188	1687505	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	968736	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1296147	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	56030	6.423	ng/uL	0.00
4) Pyridine-d5	3.887	84	700495	29.377	ng/u1	0.00
7) Phenol-d5	7.305	99	1051355	37.386	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.469	67	615065	35.385	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	837421	40.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	773129	35.675	ng/u1	0.01
21) Nitrobenzene-d5	9.328	128	378175	36.784	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	467690	44.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.604	165	831485	40.114	ng/u1	0.01
31) 4-Chloroaniline-d4	11.122	131	1092950	36.454	ng/u1	0.00
46) Dimethylphthalate-d6	14.198	166	2347291	38.627	ng/u1	0.00
49) Acenaphthylene-d8	14.492	160	2742563	37.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	422454	39.961	ng/u1	0.02
60) Fluorene-d10	15.786	176	1958587	37.463	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	194437	20.468	ng/u1	0.01
73) Anthracene-d10	17.651	188	2852419	37.620	ng/u1	0.00
81) Pyrene-d10	19.869	212	2624502	40.169	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2361930	37.400	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	115721	12.244	ng/uL	97
5) Pyridine	3.911	79	658800	26.539	ng/u1	100
6) Benzaldehyde	7.281	77	545140	70.900	ng/u1	99
8) Phenol	7.334	94	1055519	35.750	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.563	93	828715	33.770	ng/u1	100
12) 2-Chlorophenol	7.710	128	814727	36.371	ng/u1	97
13) 2-Methylphenol	8.599	108	740195	33.622	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.681	45	967421	31.079	ng/u1	99
16) Acetophenone	8.987	105	1054661	29.764	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.975	70	526866	29.175	ng/u1	98
18) 4-Methylphenol	8.934	108	733415	30.136	ng/u1	98
19) Hexachloroethane	9.246	117	291259	29.968	ng/u1	93
22) Nitrobenzene	9.375	77	866628	32.082	ng/u1	96
23) Isophorone	9.904	82	1822604	34.139	ng/u1	100
25) 2-Nitrophenol	10.093	139	472478	38.915	ng/u1	96
26) 2,4-Dimethylphenol	10.146	107	909567	34.520	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.381	93	1121586	32.862	ng/u1	100
29) 2,4-Dichlorophenol	10.628	162	789742	36.834	ng/u1	100
30) Naphthalene	11.040	128	2569841	32.342	ng/u1	100
32) 4-Chloroaniline	11.145	127	977194	31.233	ng/u1	99
33) Hexachlorobutadiene	11.316	225	471016	34.047	ng/u1	100
34) Caprolactam	11.928	113	250090m	37.863	ng/u1	
35) 4-Chloro-3-methylphenol	12.263	107	806890	36.609	ng/u1	98
36) 2-Methylnaphthalene	12.634	142	1570469	31.961	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.851	142	1645493	32.487	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.998	216	874560	32.654	ng/ul	98
40) Hexachlorocyclopentadiene	12.969	237	324860	17.988	ng/ul	99
41) 2,4,6-Trichlorophenol	13.234	196	621766	37.676	ng/ul	100
42) 2,4,5-Trichlorophenol	13.310	196	679522	38.204	ng/ul	96
43) 1,1'-Biphenyl	13.628	154	2256529	32.873	ng/ul	100
44) 2-Chloronaphthalene	13.675	162	1785505	33.392	ng/ul	100
45) 2-Nitroaniline	13.881	65	518920	41.674	ng/ul	97
47) Dimethylphthalate	14.245	163	2238781	35.037	ng/ul	100
48) 2,6-Dinitrotoluene	14.369	165	467082	41.366	ng/ul	96
50) Acenaphthylene	14.522	152	2771178	33.539	ng/ul	100
51) 3-Nitroaniline	14.698	138	489120	47.875	ng/ul	97
52) Acenaphthene	14.857	153	1906880	33.350	ng/ul	99
53) 2,4-Dinitrophenol	14.910	184	85617	12.458	ng/ul	94
55) 4-Nitrophenol	15.004	109	290850	36.144	ng/ul	95
56) Dibenzofuran	15.192	168	2628025	34.063	ng/ul	99
57) 2,4-Dinitrotoluene	15.157	165	656306	41.498	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.416	232	524112	36.207	ng/ul	93
59) Diethylphthalate	15.604	149	2261251	37.452	ng/ul	99
61) Fluorene	15.845	166	2079365	34.167	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.828	204	1033302	34.695	ng/ul	98
63) 4-Nitroaniline	15.863	138	492590	57.766	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.922	198	186649	18.523	ng/ul	98
67) N-Nitrosodiphenylamine	16.045	169	1823076	35.595	ng/ul	100
68) 4-Bromophenyl-phenylether	16.728	248	634938	36.169	ng/ul	96
69) Hexachlorobenzene	16.851	284	716385	34.644	ng/ul	94
70) Atrazine	16.992	200	465403	27.003	ng/ul	99
71) Pentachlorophenol	17.198	266	357805	29.642	ng/ul	98
72) Phenanthrene	17.592	178	3047857	32.693	ng/ul	100
74) Anthracene	17.686	178	3247889	34.992	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.598	216	919958	32.932	ng/ul	96
76) Pentachlorobenzene	15.110	250	881821	33.180	ng/ul	98
77) Carbazole	17.945	167	2870900	36.775	ng/ul	99
78) Di-n-butylphthalate	18.480	149	3912965	44.824	ng/ul	99
80) Fluoranthene	19.545	202	3174904	39.601	ng/ul	97
82) Pyrene	19.898	202	3092701	36.410	ng/ul	97
83) Butylbenzylphthalate	20.745	149	1365107	53.529	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	775632	47.571	ng/ul	98
85) Benzo(a)anthracene	21.616	228	2307088	35.680	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.510	149	1656719	51.630	ng/ul#	98
87) Chrysene	21.668	228	2187697	33.602	ng/ul	100
89) Di-n-octyl phthalate	22.492	149	2995183	39.577	ng/ul	100
90) Benzo(b)fluoranthene	23.421	252	2719491	32.465	ng/ul	98
91) Benzo(k)fluoranthene	23.468	252	2629089	30.838	ng/ul	99
93) Benzo(a)pyrene	24.104	252	2426446	33.029	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.968	276	3334849	37.214	ng/ul	97
95) Dibenzo(a,h)anthracene	26.980	278	2774463	37.774	ng/ul	99
96) Benzo(g,h,i)perylene	27.815	276	2547132	33.397	ng/ul	98

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

