

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
 Data File : BP051723.D
 Acq On : 17 May 2023 18:40
 Operator : CG/JU
 Sample : PB152858BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS858

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 18 01:21:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 18 01:09:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	309202	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1405129	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	876633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.521	188	1895712	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1606997	20.000	ng/u1	0.00
88) Perylene-d12	24.162	264	1597659	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	55391	6.960	ng/uL	0.00
4) Pyridine-d5	3.869	84	811317	35.966	ng/u1	0.00
7) Phenol-d5	7.281	99	1137641	39.627	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.451	67	695653	41.956	ng/u1	0.00
11) 2-Chlorophenol-d4	7.657	132	866028	41.028	ng/u1	0.00
15) 4-Methylphenol-d8	8.845	113	941242	41.145	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	445009	40.304	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	481660	39.205	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	877613	39.587	ng/u1	0.00
31) 4-Chloroaniline-d4	11.098	131	1130358	34.461	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	2705829	40.847	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	3119482	41.174	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	548767	42.662	ng/u1	0.00
60) Fluorene-d10	15.763	176	2274870	40.698	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.880	200	472944	39.587	ng/u1	0.00
73) Anthracene-d10	17.621	188	3494715	40.259	ng/u1	0.00
81) Pyrene-d10	19.839	212	3923068	42.092	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.003	264	3343982	42.164	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	112750	13.185	ng/uL	98
5) Pyridine	3.893	79	791784	33.749	ng/u1	99
6) Benzaldehyde	7.257	77	560776	71.067	ng/u1	99
8) Phenol	7.304	94	1144807	38.888	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.545	93	899030	38.171	ng/u1	98
12) 2-Chlorophenol	7.687	128	842059	37.715	ng/u1	98
13) 2-Methylphenol	8.575	108	859369	37.771	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.663	45	1179308	39.965	ng/u1	98
16) Acetophenone	8.963	105	1405817	39.375	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.951	70	719321	38.415	ng/u1	97
18) 4-Methylphenol	8.910	108	960653	38.361	ng/u1	100
19) Hexachloroethane	9.222	117	336972	36.963	ng/u1	98
22) Nitrobenzene	9.351	77	1056833	38.755	ng/u1	99
23) Isophorone	9.881	82	1985269	35.418	ng/u1	99
25) 2-Nitrophenol	10.069	139	488490	36.259	ng/u1	99
26) 2,4-Dimethylphenol	10.122	107	934681	34.767	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.363	93	1244079	36.478	ng/u1	97
29) 2,4-Dichlorophenol	10.604	162	831580	37.136	ng/u1	100
30) Naphthalene	11.010	128	2787882	36.494	ng/u1	100
32) 4-Chloroaniline	11.122	127	901834	26.751	ng/u1	100
33) Hexachlorobutadiene	11.292	225	484915	35.929	ng/u1	98
34) Caprolactam	11.904	113	291620m	34.542	ng/u1	
35) 4-Chloro-3-methylphenol	12.233	107	974131	38.526	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1921624	37.334	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1967570	38.065	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.975	216	976853	37.259	ng/ul	98
40) Hexachlorocyclopentadiene	12.951	237	535776	31.540	ng/ul	100
41) 2,4,6-Trichlorophenol	13.210	196	659445	35.620	ng/ul	98
42) 2,4,5-Trichlorophenol	13.280	196	735382	36.635	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	2594831	38.150	ng/ul	98
44) 2-Chloronaphthalene	13.651	162	2007675	37.797	ng/ul	99
45) 2-Nitroaniline	13.857	65	628916	41.381	ng/ul	94
47) Dimethylphthalate	14.222	163	2595224	37.618	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	528442	38.664	ng/ul	99
50) Acenaphthylene	14.498	152	3194711	37.792	ng/ul	100
51) 3-Nitroaniline	14.674	138	524311	42.602	ng/ul	95
52) Acenaphthene	14.833	153	2220133	38.453	ng/ul	99
53) 2,4-Dinitrophenol	14.880	184	313036	34.495	ng/ul	94
55) 4-Nitrophenol	14.980	109	379136	40.074	ng/ul	99
56) Dibenzofuran	15.169	168	3039903	37.854	ng/ul	99
57) 2,4-Dinitrotoluene	15.133	165	774272	39.149	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.392	232	594547	35.095	ng/ul	99
59) Diethylphthalate	15.580	149	2588224	37.615	ng/ul	100
61) Fluorene	15.821	166	2431947	37.683	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	1173230	37.207	ng/ul	99
63) 4-Nitroaniline	15.839	138	591858	55.689	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.898	198	454632	36.872	ng/ul	97
67) N-Nitrosodiphenylamine	16.021	169	2099931	37.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	709847	36.354	ng/ul	99
69) Hexachlorobenzene	16.821	284	841390	36.463	ng/ul	99
70) Atrazine	16.968	200	431065	20.922	ng/ul	100
71) Pentachlorophenol	17.168	266	496359	34.389	ng/ul	98
72) Phenanthrene	17.568	178	3909044	37.868	ng/ul	99
74) Anthracene	17.657	178	3947616	37.817	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	985104	36.651	ng/ul	99
76) Pentachlorobenzene	15.086	250	966479	35.812	ng/ul	99
77) Carbazole	17.921	167	3627167	39.626	ng/ul	100
78) Di-n-butylphthalate	18.457	149	4408083	37.396	ng/ul	100
80) Fluoranthene	19.515	202	4440596	39.090	ng/ul	98
82) Pyrene	19.868	202	4657620	39.703	ng/ul	97
83) Butylbenzylphthalate	20.721	149	1947006	37.438	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.509	252	1379266	39.080	ng/ul	97
85) Benzo(a)anthracene	21.586	228	4260002	38.339	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	2801638	37.419	ng/ul	99
87) Chrysene	21.639	228	4055108	38.177	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	4730666	43.234	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	4283022	42.287	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	4072530	41.875	ng/ul	99
93) Benzo(a)pyrene	24.056	252	3480896	38.882	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.891	276	3875664	33.435	ng/ul	98
95) Dibenzo(a,h)anthracene	26.903	278	3234721	33.994	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	3035748	32.116	ng/ul	99

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

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