

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP052223.D
 Acq On : 22 May 2023 19:31
 Operator : CG/JU
 Sample : PB152888BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS888

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 23 00:52:42 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	8.122	152	265912	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	1168604	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	726463	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.515	188	1533966	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1025063	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1113090	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	38527	5.629	ng/uL	0.00
4) Pyridine-d5	3.869	84	508060	26.189	ng/u1	0.00
7) Phenol-d5	7.275	99	736162	29.817	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.445	67	439874	30.848	ng/u1	0.00
11) 2-Chlorophenol-d4	7.645	132	590023	32.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.839	113	615339	31.278	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	298532	32.510	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	338732	33.152	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	606353	32.887	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	774246	28.382	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1823468	33.217	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	2041571	32.517	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	313935	29.451	ng/u1	0.00
60) Fluorene-d10	15.751	176	1494186	32.257	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	291289	30.132	ng/u1	0.00
73) Anthracene-d10	17.615	188	2191422	31.199	ng/u1	0.00
81) Pyrene-d10	19.833	212	2271633	38.210	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1879101	34.008	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	78755	10.709	ng/uL	97
5) Pyridine	3.887	79	486509	24.113	ng/u1	97
6) Benzaldehyde	7.251	77	356959	52.602	ng/u1	98
8) Phenol	7.298	94	757021	29.902	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.540	93	601955	29.719	ng/u1	99
12) 2-Chlorophenol	7.681	128	580046	30.209	ng/u1	98
13) 2-Methylphenol	8.569	108	578855	29.584	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	763422	30.083	ng/u1	98
16) Acetophenone	8.957	105	912798	29.728	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.945	70	470542	29.220	ng/u1	97
18) 4-Methylphenol	8.904	108	639702	29.703	ng/u1	99
19) Hexachloroethane	9.216	117	238036	30.362	ng/u1	92
22) Nitrobenzene	9.339	77	710890	31.345	ng/u1	97
23) Isophorone	9.875	82	1374324	29.481	ng/u1	100
25) 2-Nitrophenol	10.057	139	353824	31.579	ng/u1	93
26) 2,4-Dimethylphenol	10.110	107	656525	29.363	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.351	93	847384	29.876	ng/u1	99
29) 2,4-Dichlorophenol	10.592	162	595348	31.967	ng/u1	99
30) Naphthalene	11.004	128	1896432	29.850	ng/u1	99
32) 4-Chloroaniline	11.110	127	628656	22.422	ng/u1	99
33) Hexachlorobutadiene	11.281	225	372366	33.174	ng/u1	100
34) Caprolactam	11.898	113	201353m	28.677	ng/u1	
35) 4-Chloro-3-methylphenol	12.228	107	667111	31.724	ng/u1	100
36) 2-Methylnaphthalene	12.598	142	1290395	30.144	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1322484	30.764	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	720028	33.140	ng/ul	99
40) Hexachlorocyclopentadiene	12.939	237	328082	23.306	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	478789	31.208	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	528750	31.786	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1758607	31.201	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1384030	31.443	ng/ul	99
45) 2-Nitroaniline	13.845	65	423026	33.588	ng/ul	94
47) Dimethylphthalate	14.216	163	1772927	31.011	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	383709	33.877	ng/ul	98
50) Acenaphthylene	14.486	152	2116915	30.218	ng/ul	99
51) 3-Nitroaniline	14.669	138	363574	35.648	ng/ul	99
52) Acenaphthene	14.827	153	1449518	30.296	ng/ul	99
53) 2,4-Dinitrophenol	14.874	184	195065	25.939	ng/ul	94
55) 4-Nitrophenol	14.969	109	248038	31.637	ng/ul	90
56) Dibenzofuran	15.157	168	2055218	30.883	ng/ul	98
57) 2,4-Dinitrotoluene	15.121	165	537965	32.824	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.380	232	421243	30.005	ng/ul	98
59) Diethylphthalate	15.569	149	1788631	31.368	ng/ul	100
61) Fluorene	15.810	166	1610818	30.119	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.798	204	819432	31.358	ng/ul	97
63) 4-Nitroaniline	15.833	138	353018	40.082	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.886	198	285895	28.655	ng/ul	99
67) N-Nitrosodiphenylamine	16.010	169	1414418	31.359	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	532978	33.733	ng/ul	98
69) Hexachlorobenzene	16.816	284	608549	32.592	ng/ul	99
70) Atrazine	16.963	200	287670	17.255	ng/ul	99
71) Pentachlorophenol	17.157	266	319579	27.362	ng/ul	99
72) Phenanthrene	17.557	178	2547672	30.500	ng/ul	100
74) Anthracene	17.651	178	2507832	29.690	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.563	216	731544	33.635	ng/uL	99
76) Pentachlorobenzene	15.080	250	711610	32.586	ng/uL	99
77) Carbazole	17.915	167	2221326	29.991	ng/ul	100
78) Di-n-butylphthalate	18.445	149	3048569	31.961	ng/ul	100
80) Fluoranthene	19.509	202	2734805	37.741	ng/ul	97
82) Pyrene	19.862	202	2708972	36.202	ng/ul	97
83) Butylbenzylphthalate	20.715	149	1232544	37.154	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	773738	34.369	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2315314	32.666	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1793227	37.547	ng/ul	99
87) Chrysene	21.627	228	2168763	32.009	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2783187	36.509	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	2318816	32.861	ng/ul	100
91) Benzo(k)fluoranthene	23.409	252	2177072	32.131	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1980625	31.755	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2617574	32.412	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	2156756	32.533	ng/ul	99
96) Benzo(g,h,i)perylene	27.691	276	2166872	32.904	ng/ul	98

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

