

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
 Data File : BP015344.D
 Acq On : 30 May 2023 20:30
 Operator : CG/JU
 Sample : PB153103BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS103

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

Quant Time: May 31 01:14:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:23:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	161211	20.000	ng/ul	0.00
20) Naphthalene-d8	10.940	136	720052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	479413	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1131932	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1091461	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1287345	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	27257	6.569	ng/uL	0.00
4) Pyridine-d5	3.858	84	377969	32.137	ng/ul	0.00
7) Phenol-d5	7.263	99	528222	35.290	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	310417	35.908	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	410361	37.287	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	449433	37.682	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	216430	38.251	ng/ul	0.00
24) 2-Nitrophenol-d4	10.016	143	251449	39.940	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	440441	38.770	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	585327	34.823	ng/ul	0.00
46) Dimethylphthalate-d6	14.157	166	1451198	40.058	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	1593117	38.450	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	284210	40.402	ng/ul	0.00
60) Fluorene-d10	15.745	176	1193016	39.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	290485	40.721	ng/ul	0.00
73) Anthracene-d10	17.610	188	1932449	37.283	ng/ul	0.00
81) Pyrene-d10	19.827	212	2337012	36.918	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2499446	39.112	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	52729	11.827	ng/uL#	91
5) Pyridine	3.875	79	361576	29.560	ng/ul	91
6) Benzaldehyde	7.240	77	287881	69.974	ng/ul	99
8) Phenol	7.293	94	523209	34.088	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.522	93	398417	32.445	ng/ul	96
12) 2-Chlorophenol	7.669	128	394042	33.850	ng/ul	96
13) 2-Methylphenol	8.557	108	402821	33.957	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	509293	33.103	ng/ul	99
16) Acetophenone	8.946	105	652757	35.066	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.928	70	344712	35.309	ng/ul	95
18) 4-Methylphenol	8.893	108	443487	33.966	ng/ul	98
19) Hexachloroethane	9.199	117	163915	34.486	ng/ul	91
22) Nitrobenzene	9.334	77	511649	36.613	ng/ul	97
23) Isophorone	9.863	82	1010909	35.194	ng/ul	99
25) 2-Nitrophenol	10.052	139	247356	35.829	ng/ul#	89
26) 2,4-Dimethylphenol	10.104	107	502886	36.503	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.340	93	579756	33.173	ng/ul	98
29) 2,4-Dichlorophenol	10.587	162	412508	35.948	ng/ul	100
30) Naphthalene	10.993	128	1317767	33.662	ng/ul	99
32) 4-Chloroaniline	11.104	127	500428	28.967	ng/ul	98
33) Hexachlorobutadiene	11.269	225	269458	38.961	ng/ul	99
34) Caprolactam	11.893	113	158231m	36.574	ng/ul	
35) 4-Chloro-3-methylphenol	12.222	107	494075	38.131	ng/ul	97
36) 2-Methylnaphthalene	12.593	142	908391	34.439	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	914049	34.508	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	525094	36.622	ng/ul	97
40) Hexachlorocyclopentadiene	12.928	237	277492	29.870	ng/ul	99
41) 2,4,6-Trichlorophenol	13.193	196	368330	36.380	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	406182	37.001	ng/ul	99
43) 1,1'-Biphenyl	13.587	154	1274457	34.263	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	1002174	34.500	ng/ul	98
45) 2-Nitroaniline	13.840	65	346674	41.710	ng/ul	89
47) Dimethylphthalate	14.204	163	1370643	36.329	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	299490	40.068	ng/ul	98
50) Acenaphthylene	14.481	152	1594063	34.481	ng/ul	100
51) 3-Nitroaniline	14.663	138	294847	43.807	ng/ul	98
52) Acenaphthene	14.816	153	1087576	34.444	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	197161	39.727	ng/ul	89
55) 4-Nitrophenol	14.975	109	242249	46.821	ng/ul#	79
56) Dibenzofuran	15.151	168	1556585	35.443	ng/ul	96
57) 2,4-Dinitrotoluene	15.122	165	436638	40.370	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.381	232	364600	39.353	ng/ul	98
59) Diethylphthalate	15.563	149	1398470	37.164	ng/ul	99
61) Fluorene	15.804	166	1261983	35.757	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.787	204	639400	37.078	ng/ul	95
63) 4-Nitroaniline	15.828	138	313278	53.900	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.887	198	271812	36.920	ng/ul#	97
67) N-Nitrosodiphenylamine	16.004	169	1116307	33.539	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	433776	37.205	ng/ul	99
69) Hexachlorobenzene	16.810	284	516405	37.480	ng/ul	98
70) Atrazine	16.957	200	376473	30.602	ng/ul	98
71) Pentachlorophenol	17.157	266	320730	37.214	ng/ul	99
72) Phenanthrene	17.551	178	2112939	34.280	ng/ul	100
74) Anthracene	17.645	178	2114731	33.928	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	546576	34.057	ng/uL	99
76) Pentachlorobenzene	15.075	250	552740	34.301	ng/uL	100
77) Carbazole	17.910	167	1973246	36.104	ng/ul	100
78) Di-n-butylphthalate	18.439	149	2472361	35.127	ng/ul	99
80) Fluoranthene	19.504	202	2579667	33.435	ng/ul	96
82) Pyrene	19.857	202	2662196	33.413	ng/ul	96
83) Butylbenzylphthalate	20.710	149	1202050	34.031	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	999746	41.706	ng/ul#	96
85) Benzo(a)anthracene	21.574	228	2661758	35.270	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1734232	34.103	ng/ul	99
87) Chrysene	21.627	228	2524423	34.992	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	3026991	34.332	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2903812	35.581	ng/ul	98
91) Benzo(k)fluoranthene	23.410	252	2738689	34.948	ng/ul	98
93) Benzo(a)pyrene	24.039	252	2499447	34.649	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.862	276	3046289	32.615	ng/ul	94
95) Dibenzo(a,h)anthracene	26.880	278	2536129	33.077	ng/ul#	96
96) Benzo(g,h,i)perylene	27.704	276	2426971	31.865	ng/ul	95

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

