

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
 Data File : BP015343.D
 Acq On : 30 May 2023 19:56
 Operator : CG/JU
 Sample : PB153101BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS101

Quant Time: May 31 01:12:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	190731	20.000	ng/u1	0.00
20) Naphthalene-d8	10.940	136	852305	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	571148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1317734	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1230646	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1371412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	29454	6.000	ng/uL	0.00
4) Pyridine-d5	3.858	84	402869	28.953	ng/u1	0.00
7) Phenol-d5	7.269	99	558825	31.556	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	335247	32.778	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	435981	33.484	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	478273	33.893	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	230077	34.353	ng/u1	0.00
24) 2-Nitrophenol-d4	10.016	143	269221	36.127	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	471065	35.031	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	617312	31.027	ng/u1	0.00
46) Dimethylphthalate-d6	14.157	166	1533988	35.543	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	1696197	34.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	295405	35.249	ng/u1	0.00
60) Fluorene-d10	15.745	176	1259078	34.573	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	306453	36.902	ng/u1	0.00
73) Anthracene-d10	17.610	188	2020343	33.483	ng/u1	0.00
81) Pyrene-d10	19.833	212	2409961	33.765	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2377635	34.925	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	57376	10.877	ng/uL#	97
5) Pyridine	3.875	79	384694	26.582	ng/u1	91
6) Benzaldehyde	7.240	77	302773	62.203	ng/u1	100
8) Phenol	7.293	94	558687	30.766	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.528	93	422819	29.103	ng/u1	98
12) 2-Chlorophenol	7.669	128	421739	30.622	ng/u1	97
13) 2-Methylphenol	8.557	108	426450	30.385	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	543991	29.886	ng/u1	99
16) Acetophenone	8.946	105	697042	31.650	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.928	70	368120	31.871	ng/u1	95
18) 4-Methylphenol	8.893	108	475848	30.804	ng/u1	99
19) Hexachloroethane	9.199	117	173493	30.852	ng/u1	89
22) Nitrobenzene	9.334	77	544695	32.930	ng/u1	98
23) Isophorone	9.863	82	1079389	31.747	ng/u1	99
25) 2-Nitrophenol	10.051	139	263998	32.306	ng/u1#	89
26) 2,4-Dimethylphenol	10.104	107	537794	32.979	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.340	93	610354	29.505	ng/u1	99
29) 2,4-Dichlorophenol	10.587	162	446398	32.865	ng/u1	99
30) Naphthalene	10.993	128	1403382	30.287	ng/u1	99
32) 4-Chloroaniline	11.104	127	530808	25.958	ng/u1	100
33) Hexachlorobutadiene	11.269	225	289473	35.360	ng/u1	98
34) Caprolactam	11.893	113	163675m	31.962	ng/u1	
35) 4-Chloro-3-methylphenol	12.222	107	521248	33.986	ng/u1	98
36) 2-Methylnaphthalene	12.593	142	970171	31.074	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	969633	30.926	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	562285	32.917	ng/ul	98
40) Hexachlorocyclopentadiene	12.928	237	296899	26.826	ng/ul	97
41) 2,4,6-Trichlorophenol	13.192	196	392002	32.499	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	430401	32.910	ng/ul	98
43) 1,1'-Biphenyl	13.592	154	1343204	30.311	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	1074020	31.035	ng/ul	99
45) 2-Nitroaniline	13.845	65	362531	36.612	ng/ul	93
47) Dimethylphthalate	14.204	163	1439103	32.017	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	315257	35.403	ng/ul	99
50) Acenaphthylene	14.481	152	1681377	30.528	ng/ul	99
51) 3-Nitroaniline	14.663	138	310840	38.766	ng/ul	97
52) Acenaphthene	14.822	153	1153715	30.670	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	209885	35.499	ng/ul	91
55) 4-Nitrophenol	14.975	109	252440	40.954	ng/ul#	77
56) Dibenzofuran	15.151	168	1637440	31.296	ng/ul	96
57) 2,4-Dinitrotoluene	15.122	165	458519	35.584	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.381	232	385323	34.910	ng/ul	96
59) Diethylphthalate	15.563	149	1484754	33.120	ng/ul	100
61) Fluorene	15.804	166	1322369	31.450	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	685437	33.364	ng/ul	98
63) 4-Nitroaniline	15.834	138	330216	47.689	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.892	198	287630	33.560	ng/ul#	97
67) N-Nitrosodiphenylamine	16.004	169	1165408	30.078	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	461573	34.007	ng/ul	98
69) Hexachlorobenzene	16.810	284	548275	34.182	ng/ul	99
70) Atrazine	16.957	200	402875	28.131	ng/ul	99
71) Pentachlorophenol	17.157	266	336790	33.568	ng/ul	99
72) Phenanthrene	17.557	178	2208969	30.785	ng/ul	99
74) Anthracene	17.645	178	2211658	30.480	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.557	216	582582	31.182	ng/ul	99
76) Pentachlorobenzene	15.075	250	591538	31.532	ng/ul	98
77) Carbazole	17.910	167	2040731	32.074	ng/ul	100
78) Di-n-butylphthalate	18.439	149	2590357	31.614	ng/ul	99
80) Fluoranthene	19.504	202	2687984	30.898	ng/ul	96
82) Pyrene	19.863	202	2730145	30.390	ng/ul	94
83) Butylbenzylphthalate	20.710	149	1243123	31.213	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	1002833	37.104	ng/ul#	97
85) Benzo(a)anthracene	21.574	228	2699842	31.728	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1786298	31.154	ng/ul	100
87) Chrysene	21.633	228	2555137	31.412	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	3071924	32.706	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2773662	31.903	ng/ul#	98
91) Benzo(k)fluoranthene	23.415	252	2665933	31.934	ng/ul#	97
93) Benzo(a)pyrene	24.039	252	2353445	30.625	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.862	276	2763946	27.778	ng/ul	94
95) Dibenzo(a,h)anthracene	26.880	278	2309676	28.277	ng/ul	97
96) Benzo(g,h,i)perylene	27.698	276	2200601	27.122	ng/ul	96

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

