

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014024.D
 Acq On : 10 Mar 2023 11:30
 Operator : CG/JU
 Sample : PB151296BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS296

Quant Time: Mar 10 21:27:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	130274	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	575833	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.716	164	398873	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	941642	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	933409	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	940530	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	22487	6.522	ng/uL	0.00
4) Pyridine-d5	3.869	84	263339	27.585	ng/u1	0.00
7) Phenol-d5	7.228	99	380004	33.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	224920	33.547	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	279056	31.860	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	308766	32.880	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	140394	30.557	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	172289	31.326	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	330071	31.895	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	310351	22.662	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	1054259	31.144	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	1133645	31.613	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	188194	31.547	ng/u1	0.00
60) Fluorene-d10	15.710	176	885728	30.873	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	210517	29.580	ng/u1	0.00
73) Anthracene-d10	17.569	188	1429789	31.278	ng/u1	0.00
81) Pyrene-d10	19.792	212	1749378	33.981	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	1625904	32.499	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	44582	11.977	ng/uL	91
5) Pyridine	3.887	79	279170	28.836	ng/u1	97
6) Benzaldehyde	7.210	77	173696	30.365	ng/u1	98
8) Phenol	7.258	94	379261	31.990	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.493	93	289337	31.855	ng/u1	97
12) 2-Chlorophenol	7.640	128	280516	31.787	ng/u1	95
13) 2-Methylphenol	8.522	108	282618	32.058	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.610	45	340372	34.700	ng/u1	99
16) Acetophenone	8.910	105	475752	31.361	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.893	70	252392	32.521	ng/u1	97
18) 4-Methylphenol	8.852	108	313131	32.293	ng/u1	97
19) Hexachloroethane	9.169	117	123489	31.950	ng/u1	97
22) Nitrobenzene	9.293	77	378510	30.797	ng/u1	99
23) Isophorone	9.822	82	707888	29.908	ng/u1	99
25) 2-Nitrophenol	10.010	139	174899	30.855	ng/u1	98
26) 2,4-Dimethylphenol	10.063	107	386793	31.175	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.299	93	430900	31.474	ng/u1	99
29) 2,4-Dichlorophenol	10.546	162	313511	30.712	ng/u1	97
30) Naphthalene	10.951	128	962734	30.446	ng/u1	99
32) 4-Chloroaniline	11.063	127	316388	22.958	ng/u1	98
33) Hexachlorobutadiene	11.234	225	233470	28.741	ng/u1	96
34) Caprolactam	11.851	113	103815m	31.321	ng/u1	
35) 4-Chloro-3-methylphenol	12.175	107	379455	32.146	ng/u1	97
36) 2-Methylnaphthalene	12.551	142	675695	30.466	ng/u1	100

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37) 1-Methylnaphthalene	12.769	142	685477	30.750	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.916	216	434781	30.143	ng/ul	98
40) Hexachlorocyclopentadiene	12.893	237	282602	27.361	ng/ul	100
41) 2,4,6-Trichlorophenol	13.151	196	286487	31.618	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	315772	31.755	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	952788	31.026	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	760125	31.166	ng/ul	98
45) 2-Nitroaniline	13.798	65	240267	33.308	ng/ul	93
47) Dimethylphthalate	14.169	163	1028932	30.708	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	213112	32.171	ng/ul	99
50) Acenaphthylene	14.440	152	1177040	31.277	ng/ul	99
51) 3-Nitroaniline	14.622	138	176074	30.019	ng/ul	90
52) Acenaphthene	14.781	153	817564	31.076	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	142170	28.739	ng/ul	96
55) 4-Nitrophenol	14.928	109	195638	30.361	ng/ul	96
56) Dibenzofuran	15.116	168	1166129	30.468	ng/ul	100
57) 2,4-Dinitrotoluene	15.081	165	315421	31.869	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	293875	30.891	ng/ul	98
59) Diethylphthalate	15.528	149	1049114	30.870	ng/ul	100
61) Fluorene	15.763	166	966244	30.456	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	526349	30.058	ng/ul	100
63) 4-Nitroaniline	15.787	138	208722	34.619	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.845	198	205017	30.194	ng/ul	98
67) N-Nitrosodiphenylamine	15.969	169	835216	31.405	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	347256	30.505	ng/ul	99
69) Hexachlorobenzene	16.769	284	401439	29.926	ng/ul	94
70) Atrazine	16.922	200	281019	24.499	ng/ul	99
71) Pentachlorophenol	17.116	266	255805	29.173	ng/ul	99
72) Phenanthrene	17.516	178	1580680	30.777	ng/ul	99
74) Anthracene	17.604	178	1598189	30.690	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	440423	30.476	ng/ul	96
76) Pentachlorobenzene	15.034	250	458879	30.568	ng/ul	99
77) Carbazole	17.869	167	1418231	30.875	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1796400	31.293	ng/ul	99
80) Fluoranthene	19.469	202	1972148	33.610	ng/ul	100
82) Pyrene	19.822	202	2055693	33.583	ng/ul	99
83) Butylbenzylphthalate	20.674	149	816602	33.085	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	570393	23.871	ng/ul	100
85) Benzo(a)anthracene	21.533	228	2067763	31.496	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1203021	32.602	ng/ul	99
87) Chrysene	21.592	228	1940273	31.010	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	2031885	34.238	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2043441	32.606	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1978801	33.112	ng/ul	99
93) Benzo(a)pyrene	23.974	252	1731156	31.758	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.757	276	2051974	28.436	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	1713185	28.564	ng/ul	99
96) Benzo(g,h,i)perylene	27.586	276	1683559	29.189	ng/ul	99

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

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