

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014844.D
 Acq On : 26 Apr 2023 17:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020686

Quant Time: Apr 26 23:35:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	395719	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1681843	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	1029932	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	2123010	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1447964	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1312751	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	81052	8.053	ng/uL	0.00
4) Pyridine-d5	3.940	84	601702	20.613	ng/u1	0.00
7) Phenol-d5	7.346	99	753052	20.933	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	443485	20.515	ng/u1	0.00
11) 2-Chlorophenol-d4	7.728	132	579348	21.810	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	604751	20.930	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	287842	22.863	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	315446	24.377	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	602994	22.419	ng/u1	0.00
31) 4-Chloroaniline-d4	11.169	131	825485	21.388	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1680826	21.032	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	2011678	21.957	ng/u1	0.00
54) 4-Nitrophenol-d4	15.010	143	298729	20.518	ng/u1	0.00
60) Fluorene-d10	15.822	176	1430042	21.018	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	238284	20.227	ng/u1	0.00
73) Anthracene-d10	17.681	188	2153683	21.604	ng/u1	0.00
81) Pyrene-d10	19.892	212	2240402	25.450	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1453487	21.357	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	87975	8.100	ng/uL	99
5) Pyridine	3.964	79	612370	20.461	ng/u1	98
6) Benzaldehyde	7.328	77	435631m	25.218	ng/u1	
8) Phenol	7.369	94	776996	20.768	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.611	93	618194	20.613	ng/u1	99
12) 2-Chlorophenol	7.758	128	590134	21.300	ng/u1	99
13) 2-Methylphenol	8.640	108	597164	21.162	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.740	45	760592	20.350	ng/u1	99
16) Acetophenone	9.034	105	959926	21.238	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.022	70	473461	20.468	ng/u1	97
18) 4-Methylphenol	8.975	108	650065	20.578	ng/u1	100
19) Hexachloroethane	9.299	117	239982	21.473	ng/u1	98
22) Nitrobenzene	9.422	77	695648	21.721	ng/u1	99
23) Isophorone	9.952	82	1378259	20.833	ng/u1	100
25) 2-Nitrophenol	10.140	139	337758	23.382	ng/u1	97
26) 2,4-Dimethylphenol	10.187	107	693004	21.620	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.428	93	851664	20.448	ng/u1	98
29) 2,4-Dichlorophenol	10.675	162	594240	22.172	ng/u1	99
30) Naphthalene	11.087	128	1959561	21.064	ng/u1	100
32) 4-Chloroaniline	11.193	127	833603	21.437	ng/u1	100
33) Hexachlorobutadiene	11.369	225	370820	21.754	ng/u1	99
34) Caprolactam	11.963	113	188405m	21.321	ng/u1	
35) 4-Chloro-3-methylphenol	12.293	107	632404	21.309	ng/u1	97
36) 2-Methylnaphthalene	12.681	142	1310117	20.742	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.893	142	1296924	20.596	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.040	216	723492	22.422	ng/ul	99
40) Hexachlorocyclopentadiene	13.016	237	378570	20.247	ng/ul	98
41) 2,4,6-Trichlorophenol	13.269	196	477894	23.334	ng/ul	98
42) 2,4,5-Trichlorophenol	13.340	196	513297	22.679	ng/ul	98
43) 1,1'-Biphenyl	13.669	154	1754874	21.676	ng/ul	100
44) 2-Chloronaphthalene	13.716	162	1388831	21.913	ng/ul	100
45) 2-Nitroaniline	13.910	65	370763	23.357	ng/ul	99
47) Dimethylphthalate	14.281	163	1677800	20.948	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	333038	23.206	ng/ul	97
50) Acenaphthylene	14.557	152	2130625	21.533	ng/ul	99
51) 3-Nitroaniline	14.734	138	363435	23.088	ng/ul	99
52) Acenaphthene	14.898	153	1446362	21.265	ng/ul	100
53) 2,4-Dinitrophenol	14.934	184	152765	18.070	ng/ul	95
55) 4-Nitrophenol	15.028	109	226667	20.807	ng/ul	98
56) Dibenzofuran	15.228	168	2009952	20.984	ng/ul	99
57) 2,4-Dinitrotoluene	15.187	165	470147	22.234	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.451	232	423690	22.200	ng/ul	97
59) Diethylphthalate	15.640	149	1643329	21.186	ng/ul	99
61) Fluorene	15.881	166	1614103	21.362	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.863	204	806240	21.048	ng/ul	98
63) 4-Nitroaniline	15.893	138	361357	25.450	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.951	198	240176	20.284	ng/ul	100
67) N-Nitrosodiphenylamine	16.081	169	1372679	21.985	ng/ul	99
68) 4-Bromophenyl-phenylether	16.763	248	509126	22.163	ng/ul	99
69) Hexachlorobenzene	16.887	284	580096	21.775	ng/ul	98
70) Atrazine	17.028	200	496578	23.271	ng/ul	100
71) Pentachlorophenol	17.228	266	337214	21.577	ng/ul	99
72) Phenanthrene	17.628	178	2471495	21.258	ng/ul	99
74) Anthracene	17.716	178	2530284	21.586	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	734988	23.256	ng/ul	98
76) Pentachlorobenzene	15.151	250	704110	22.566	ng/ul	99
77) Carbazole	17.975	167	2227182	22.324	ng/ul	100
78) Di-n-butylphthalate	18.510	149	2756789	23.283	ng/ul	99
80) Fluoranthene	19.569	202	2707312	26.095	ng/ul	99
82) Pyrene	19.922	202	2728102	25.425	ng/ul	99
83) Butylbenzylphthalate	20.775	149	1110308	30.840	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.557	252	647132	21.418	ng/ul	99
85) Benzo(a)anthracene	21.633	228	2179988	21.642	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1660189	31.064	ng/ul	99
87) Chrysene	21.692	228	2026279	21.220	ng/ul	100
89) Di-n-octyl phthalate	22.522	149	2608195	29.885	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1858672	20.674	ng/ul	98
91) Benzo(k)fluoranthene	23.498	252	1788261	20.509	ng/ul	99
93) Benzo(a)pyrene	24.133	252	1586842	20.839	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.010	276	2083857	24.268	ng/ul	99
95) Dibenzo(a,h)anthracene	27.033	278	1727192	24.119	ng/ul	98
96) Benzo(g,h,i)perylene	27.862	276	1682200	24.727	ng/ul	98

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

