

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051623\
 Data File : BP05116.D
 Acq On : 16 May 2023 19:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020712

Quant Time: May 17 01:12:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 16 01:39:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/17/2023
 Supervised By : Jagrut Upadhyay 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	326203	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	1506853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	955372	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.528	188	2035817	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1759158	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1678422	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	71521	8.519	ng/uL	0.00
4) Pyridine-d5	3.875	84	517213	21.733	ng/u1	0.00
7) Phenol-d5	7.281	99	637495	21.048	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	393246	22.481	ng/u1	0.00
11) 2-Chlorophenol-d4	7.657	132	478835	21.502	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	516691	21.409	ng/u1	0.00
21) Nitrobenzene-d5	9.304	128	248861	21.017	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.034	143	273765	20.779	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.575	165	507471	21.346	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.098	131	770413	21.902	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1538447	21.310	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	1801049	21.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	290724	20.739	ng/u1	0.00
60) Fluorene-d10	15.763	176	1315681	21.598	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	246718	19.230	ng/u1	0.00
73) Anthracene-d10	17.628	188	2030911	21.786	ng/u1	0.00
81) Pyrene-d10	19.845	212	2239816	21.953	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	1773971	21.291	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	75667	8.387	ng/uL	98
5) Pyridine	3.893	79	532591	21.518	ng/u1	99
6) Benzaldehyde	7.258	77	167741	20.150	ng/u1	96
8) Phenol	7.305	94	675157	21.739	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.546	93	552450	22.233	ng/u1	99
12) 2-Chlorophenol	7.687	128	513327	21.793	ng/u1	98
13) 2-Methylphenol	8.575	108	515803	21.489	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	714571	22.954	ng/u1	99
16) Acetophenone	8.963	105	864567	22.953	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.946	70	448518	22.705	ng/u1	98
18) 4-Methylphenol	8.910	108	580818	21.984	ng/u1	98
19) Hexachloroethane	9.222	117	210933	21.932	ng/u1	97
22) Nitrobenzene	9.352	77	642746	21.979	ng/u1	100
23) Isophorone	9.881	82	1272114	21.163	ng/u1	100
25) 2-Nitrophenol	10.069	139	305357	21.136	ng/u1	97
26) 2,4-Dimethylphenol	10.122	107	630922	21.884	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.363	93	794813	21.732	ng/u1	99
29) 2,4-Dichlorophenol	10.604	162	523645	21.806	ng/u1	99
30) Naphthalene	11.010	128	1783170	21.767	ng/u1	99
32) 4-Chloroaniline	11.122	127	807620	22.339	ng/u1	100
33) Hexachlorobutadiene	11.293	225	303281	20.954	ng/u1	98
34) Caprolactam	11.898	113	176447m	19.489	ng/u1	
35) 4-Chloro-3-methylphenol	12.234	107	589625	21.745	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1186452	21.494	ng/u1	99

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37) 1-Methylnaphthalene	12.828	142	1206813	21.771	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.975	216	615589	21.544	ng/ul	98
40) Hexachlorocyclopentadiene	12.951	237	341524	18.448	ng/ul	97
41) 2,4,6-Trichlorophenol	13.210	196	419890	20.811	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	459088	20.986	ng/ul	99
43) 1,1'-Biphenyl	13.610	154	1620840	21.866	ng/ul	100
44) 2-Chloronaphthalene	13.651	162	1268257	21.909	ng/ul	99
45) 2-Nitroaniline	13.857	65	364087	21.982	ng/ul	99
47) Dimethylphthalate	14.222	163	1620678	21.556	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	317685	21.328	ng/ul	99
50) Acenaphthylene	14.498	152	2019392	21.920	ng/ul	100
51) 3-Nitroaniline	14.675	138	244764	18.249	ng/ul	96
52) Acenaphthene	14.839	153	1388512	22.067	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	161708	16.351	ng/ul	94
55) 4-Nitrophenol	14.975	109	227889	22.102	ng/ul	98
56) Dibenzofuran	15.169	168	1913326	21.862	ng/ul	99
57) 2,4-Dinitrotoluene	15.134	165	460783	21.378	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.392	232	387963	21.013	ng/ul	99
59) Diethylphthalate	15.581	149	1597048	21.297	ng/ul	100
61) Fluorene	15.822	166	1554048	22.096	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	752107	21.886	ng/ul	98
63) 4-Nitroaniline	15.834	138	216800	18.718	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.898	198	263372	19.890	ng/ul	97
67) N-Nitrosodiphenylamine	16.022	169	1318281	22.022	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	456919	21.790	ng/ul	98
69) Hexachlorobenzene	16.828	284	526246	21.236	ng/ul	98
70) Atrazine	16.975	200	473318	21.392	ng/ul	100
71) Pentachlorophenol	17.169	266	307218	19.820	ng/ul	99
72) Phenanthrene	17.569	178	2447522	22.078	ng/ul	100
74) Anthracene	17.663	178	2470455	22.038	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	628772	21.783	ng/ul	99
76) Pentachlorobenzene	15.087	250	629665	21.726	ng/ul	99
77) Carbazole	17.922	167	2219950	22.584	ng/ul	99
78) Di-n-butylphthalate	18.457	149	2693930	21.281	ng/ul	100
80) Fluoranthene	19.522	202	2782687	22.377	ng/ul	99
82) Pyrene	19.875	202	2900156	22.584	ng/ul	99
83) Butylbenzylphthalate	20.727	149	1178271	20.697	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	795218	20.583	ng/ul	98
85) Benzo(a)anthracene	21.586	228	2631063	21.631	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	1661949	20.277	ng/ul	99
87) Chrysene	21.645	228	2512602	21.609	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	2748818	23.913	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	2403499	22.589	ng/ul	99
91) Benzo(k)fluoranthene	23.433	252	2430110	23.785	ng/ul	99
93) Benzo(a)pyrene	24.057	252	2051276	21.811	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.892	276	2215114	18.190	ng/ul	100
95) Dibenzo(a,h)anthracene	26.909	278	1848982	18.496	ng/ul	100
96) Benzo(g,h,i)perylene	27.733	276	1741915	17.542	ng/ul	100

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

