

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051723\
 Data File : BP051723.D
 Acq On : 17 May 2023 19:47
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020716

Quant Time: May 18 01:25:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 18 01:09:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	301830	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1402884	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	883959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	1915304	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1632327	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1568876	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	65660	8.452	ng/uL	0.00
4) Pyridine-d5	3.870	84	480349	21.814	ng/u1	0.00
7) Phenol-d5	7.275	99	597274	21.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	368684	22.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	437527	21.234	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	451968	20.240	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	215272	19.528	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	253321	20.652	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	471082	21.283	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	718671	21.945	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1441625	21.582	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	1663653	21.777	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	267432	20.618	ng/u1	0.00
60) Fluorene-d10	15.757	176	1235203	21.915	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	233105	19.312	ng/u1	0.00
73) Anthracene-d10	17.622	188	1904023	21.710	ng/u1	0.00
81) Pyrene-d10	19.839	212	2013079	21.264	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	1661670	21.336	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	71092	8.517	ng/uL	98
5) Pyridine	3.893	79	497823	21.738	ng/u1	98
6) Benzaldehyde	7.258	77	154621	20.074	ng/u1	98
8) Phenol	7.305	94	626544	21.803	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	514790	22.391	ng/u1	99
12) 2-Chlorophenol	7.687	128	474297	21.762	ng/u1	98
13) 2-Methylphenol	8.569	108	477852	21.515	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.663	45	678741	23.563	ng/u1	98
16) Acetophenone	8.963	105	755862	21.688	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.946	70	385881	21.111	ng/u1	98
18) 4-Methylphenol	8.905	108	504635	20.643	ng/u1	98
19) Hexachloroethane	9.222	117	181213	20.363	ng/u1	97
22) Nitrobenzene	9.346	77	553322	20.323	ng/u1	99
23) Isophorone	9.875	82	1196743	21.385	ng/u1	100
25) 2-Nitrophenol	10.063	139	287220	21.354	ng/u1	97
26) 2,4-Dimethylphenol	10.116	107	590373	21.995	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.358	93	748346	21.978	ng/u1	97
29) 2,4-Dichlorophenol	10.599	162	483386	21.621	ng/u1	99
30) Naphthalene	11.010	128	1652009	21.660	ng/u1	100
32) 4-Chloroaniline	11.116	127	748471	22.237	ng/u1	99
33) Hexachlorobutadiene	11.293	225	284526	21.115	ng/u1	99
34) Caprolactam	11.893	113	162169m	19.239	ng/u1	
35) 4-Chloro-3-methylphenol	12.228	107	550827	21.820	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	1112047	21.640	ng/u1	99

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37) 1-Methylnaphthalene	12.822	142	1120420	21.711	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.969	216	577670	21.851	ng/ul	99
40) Hexachlorocyclopentadiene	12.946	237	317196	18.518	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	372624	19.960	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	410364	20.274	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	1476287	21.525	ng/ul	98
44) 2-Chloronaphthalene	13.651	162	1162137	21.698	ng/ul	99
45) 2-Nitroaniline	13.851	65	324886	21.200	ng/ul	93
47) Dimethylphthalate	14.216	163	1512808	21.747	ng/ul	100
48) 2,6-Dinitrotoluene	14.346	165	295395	21.433	ng/ul	98
50) Acenaphthylene	14.493	152	1883148	22.092	ng/ul	100
51) 3-Nitroaniline	14.675	138	227597	18.340	ng/ul	99
52) Acenaphthene	14.834	153	1295592	22.254	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	164415	17.968	ng/ul	96
55) 4-Nitrophenol	14.969	109	214371	22.471	ng/ul	95
56) Dibenzofuran	15.163	168	1797048	22.192	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	430212	21.572	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.387	232	362649	21.229	ng/ul	97
59) Diethylphthalate	15.575	149	1495935	21.561	ng/ul	99
61) Fluorene	15.816	166	1444595	22.199	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.804	204	698005	21.952	ng/ul	98
63) 4-Nitroaniline	15.834	138	190864	17.810	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.893	198	242660	19.479	ng/ul	97
67) N-Nitrosodiphenylamine	16.016	169	1230928	21.857	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	420413	21.311	ng/ul	98
69) Hexachlorobenzene	16.822	284	490326	21.032	ng/ul	98
70) Atrazine	16.969	200	440411	21.157	ng/ul	99
71) Pentachlorophenol	17.169	266	284624	19.518	ng/ul	98
72) Phenanthrene	17.563	178	2282580	21.886	ng/ul	99
74) Anthracene	17.657	178	2324518	22.041	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	576685	21.236	ng/ul	100
76) Pentachlorobenzene	15.087	250	592078	21.714	ng/ul	99
77) Carbazole	17.922	167	2065554	22.335	ng/ul	100
78) Di-n-butylphthalate	18.451	149	2416512	20.291	ng/ul	100
80) Fluoranthene	19.516	202	2467276	21.382	ng/ul	99
82) Pyrene	19.869	202	2572232	21.586	ng/ul	99
83) Butylbenzylphthalate	20.722	149	1065375	20.167	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.510	252	738943	20.612	ng/ul	98
85) Benzo(a)anthracene	21.580	228	2444901	21.662	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1538202	20.225	ng/ul	100
87) Chrysene	21.639	228	2347164	21.754	ng/ul	99
89) Di-n-octyl phthalate	22.457	149	2536174	23.604	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	2275928	22.883	ng/ul	100
91) Benzo(k)fluoranthene	23.427	252	2239073	23.445	ng/ul	100
93) Benzo(a)pyrene	24.045	252	1928092	21.932	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.880	276	2152776	18.913	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	1788537	19.141	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1696537	18.278	ng/ul	99

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

