

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
 Data File : BP015070.D
 Acq On : 15 May 2023 11:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020708

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 16 01:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 23:06:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	340022	20.000	ng/u1	0.00
20) Naphthalene-d8	10.969	136	1538570	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	981484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	2153502	20.000	ng/u1	0.00
79) Chrysene-d12	21.616	240	1880778	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	2039440	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	74576	8.522	ng/uL	0.00
4) Pyridine-d5	3.875	84	525258	21.174	ng/u1	0.00
7) Phenol-d5	7.287	99	652645	20.673	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.458	67	399588	21.915	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	491656	21.181	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	535719	21.296	ng/u1	0.00
21) Nitrobenzene-d5	9.316	128	251534	20.805	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	282293	20.985	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	522290	21.516	ng/u1	0.00
31) 4-Chloroaniline-d4	11.105	131	805783	22.435	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	1627714	21.947	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1881392	22.180	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	303963	21.106	ng/u1	0.00
60) Fluorene-d10	15.769	176	1390347	22.216	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	280277	20.652	ng/u1	0.00
73) Anthracene-d10	17.634	188	2164468	21.950	ng/u1	0.00
81) Pyrene-d10	19.851	212	2400635	22.008	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2147554	21.213	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.475	88	80573	8.568	ng/uL	98
5) Pyridine	3.899	79	547604	21.226	ng/u1	97
6) Benzaldehyde	7.269	77	173431	19.987	ng/u1	97
8) Phenol	7.316	94	683153	21.103	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.552	93	563670	21.763	ng/u1	98
12) 2-Chlorophenol	7.699	128	526045	21.426	ng/u1	100
13) 2-Methylphenol	8.587	108	523516	20.924	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.675	45	719138	22.162	ng/u1	99
16) Acetophenone	8.975	105	887388	22.601	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.958	70	459054	22.293	ng/u1	99
18) 4-Methylphenol	8.916	108	591393	21.475	ng/u1	99
19) Hexachloroethane	9.234	117	215330	21.479	ng/u1	95
22) Nitrobenzene	9.358	77	642978	21.533	ng/u1	99
23) Isophorone	9.887	82	1333147	21.721	ng/u1	100
25) 2-Nitrophenol	10.075	139	312117	21.158	ng/u1	99
26) 2,4-Dimethylphenol	10.128	107	644973	21.910	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.369	93	815259	21.831	ng/u1	99
29) 2,4-Dichlorophenol	10.616	162	532549	21.719	ng/u1	100
30) Naphthalene	11.022	128	1829372	21.870	ng/u1	99
32) 4-Chloroaniline	11.134	127	836365	22.657	ng/u1	100
33) Hexachlorobutadiene	11.304	225	317539	21.487	ng/u1	99
34) Caprolactam	11.904	113	188669m	20.409	ng/u1	
35) 4-Chloro-3-methylphenol	12.240	107	600472	21.688	ng/u1	99
36) 2-Methylnaphthalene	12.616	142	1232632	21.871	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
 Data File : BP015070.D
 Acq On : 15 May 2023 11:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020708

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 16 01:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 23:06:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.834	142	1253861	22.154	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.981	216	641673	21.860	ng/ul	98
40) Hexachlorocyclopentadiene	12.957	237	384928	20.239	ng/ul	98
41) 2,4,6-Trichlorophenol	13.216	196	438187	21.140	ng/ul	99
42) 2,4,5-Trichlorophenol	13.293	196	476468	21.201	ng/ul	98
43) 1,1'-Biphenyl	13.616	154	1697061	22.286	ng/ul	98
44) 2-Chloronaphthalene	13.663	162	1313383	22.085	ng/ul	100
45) 2-Nitroaniline	13.863	65	373121	21.928	ng/ul	94
47) Dimethylphthalate	14.228	163	1699680	22.005	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	337299	22.042	ng/ul	99
50) Acenaphthylene	14.504	152	2099409	22.182	ng/ul	99
51) 3-Nitroaniline	14.681	138	256728	18.632	ng/ul	99
52) Acenaphthene	14.845	153	1439412	22.267	ng/ul	100
53) 2,4-Dinitrophenol	14.893	184	191803	18.878	ng/ul	99
55) 4-Nitrophenol	14.987	109	228567	21.578	ng/ul	99
56) Dibenzofuran	15.175	168	1994280	22.181	ng/ul	98
57) 2,4-Dinitrotoluene	15.140	165	485149	21.910	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.404	232	411770	21.709	ng/ul	97
59) Diethylphthalate	15.587	149	1700971	22.080	ng/ul	100
61) Fluorene	15.828	166	1617732	22.389	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	779077	22.067	ng/ul	99
63) 4-Nitroaniline	15.845	138	229647	19.300	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.904	198	292916	20.913	ng/ul	100
67) N-Nitrosodiphenylamine	16.028	169	1391904	21.981	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	477947	21.547	ng/ul	97
69) Hexachlorobenzene	16.834	284	563713	21.505	ng/ul	99
70) Atrazine	16.981	200	511164	21.840	ng/ul	98
71) Pentachlorophenol	17.181	266	336796	20.541	ng/ul	100
72) Phenanthrene	17.575	178	2574061	21.951	ng/ul	99
74) Anthracene	17.669	178	2631312	22.190	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.587	216	653635	21.407	ng/ul	99
76) Pentachlorobenzene	15.098	250	669101	21.825	ng/ul	99
77) Carbazole	17.934	167	2348069	22.582	ng/ul	100
78) Di-n-butylphthalate	18.463	149	2882346	21.525	ng/ul	100
80) Fluoranthene	19.528	202	2941252	22.123	ng/ul	99
82) Pyrene	19.881	202	3064691	22.322	ng/ul	100
83) Butylbenzylphthalate	20.733	149	1267685	20.827	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.522	252	901391	21.822	ng/ul	98
85) Benzo(a)anthracene	21.598	228	2800713	21.536	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1830683	20.891	ng/ul	99
87) Chrysene	21.651	228	2676584	21.531	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	3032864	21.714	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	2854894	22.081	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	2661387	21.437	ng/ul	99
93) Benzo(a)pyrene	24.074	252	2436590	21.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.915	276	2850668	19.265	ng/ul	100
95) Dibenzo(a,h)anthracene	26.933	278	2338078	19.249	ng/ul	99
96) Benzo(g,h,i)perylene	27.757	276	2278497	18.883	ng/ul	99

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

