

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 09:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020720

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 19 21:59:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	276898	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1300895	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	811489	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	1757132	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1610183	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1695031	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	61942	8.692	ng/uL	0.00
4) Pyridine-d5	3.870	84	445959	22.076	ng/u1	0.00
7) Phenol-d5	7.275	99	494746	19.244	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	316584	21.321	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	377963	19.995	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	444975	21.721	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	208839	20.430	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	222695	19.579	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	428509	20.878	ng/u1	0.00
31) 4-Chloroaniline-d4	11.099	131	666550	21.949	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1307255	21.318	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	1522274	21.706	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	244589	20.541	ng/u1	0.00
60) Fluorene-d10	15.757	176	1048798	20.269	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	198890	17.961	ng/u1	0.00
73) Anthracene-d10	17.622	188	1760518	21.881	ng/u1	0.00
81) Pyrene-d10	19.839	212	1964656	21.038	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1764076	20.965	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	68166	8.901	ng/uL	95
5) Pyridine	3.893	79	473575	22.541	ng/u1	99
6) Benzaldehyde	7.258	77	135362	19.156	ng/u1	98
8) Phenol	7.305	94	522402	19.816	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.540	93	437729	20.753	ng/u1	98
12) 2-Chlorophenol	7.687	128	406704	20.341	ng/u1	99
13) 2-Methylphenol	8.569	108	444933	21.837	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	661991	25.051	ng/u1	97
16) Acetophenone	8.963	105	760630	23.789	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.946	70	393973	23.495	ng/u1	97
18) 4-Methylphenol	8.905	108	503980	22.473	ng/u1	99
19) Hexachloroethane	9.222	117	181593	22.243	ng/u1	99
22) Nitrobenzene	9.346	77	570365	22.591	ng/u1	97
23) Isophorone	9.875	82	1094612	21.093	ng/u1	98
25) 2-Nitrophenol	10.063	139	261141	20.937	ng/u1	94
26) 2,4-Dimethylphenol	10.116	107	540907	21.732	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.357	93	692898	21.945	ng/u1	98
29) 2,4-Dichlorophenol	10.599	162	447199	21.571	ng/u1	98
30) Naphthalene	11.010	128	1553699	21.968	ng/u1	100
32) 4-Chloroaniline	11.122	127	700245	22.435	ng/u1	100
33) Hexachlorobutadiene	11.293	225	257911	20.641	ng/u1	100
34) Caprolactam	11.893	113	145317m	18.592	ng/u1	
35) 4-Chloro-3-methylphenol	12.228	107	499747	21.348	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	1031672	21.649	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1036698	21.663	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.969	216	524207	21.599	ng/ul	96
40) Hexachlorocyclopentadiene	12.946	237	273821	17.413	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	347945	20.303	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	387729	20.866	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	1406376	22.337	ng/ul	98
44) 2-Chloronaphthalene	13.651	162	1088284	22.133	ng/ul	99
45) 2-Nitroaniline	13.851	65	313643	22.294	ng/ul	88
47) Dimethylphthalate	14.222	163	1383729	21.667	ng/ul	99
48) 2,6-Dinitrotoluene	14.345	165	261386	20.660	ng/ul	98
50) Acenaphthylene	14.493	152	1742812	22.272	ng/ul	100
51) 3-Nitroaniline	14.675	138	197792	17.361	ng/ul	95
52) Acenaphthene	14.834	153	1199201	22.438	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	126216	15.025	ng/ul	90
55) 4-Nitrophenol	14.975	109	196943	22.488	ng/ul	96
56) Dibenzofuran	15.169	168	1660113	22.332	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	383711	20.959	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.393	232	333738	21.281	ng/ul	99
59) Diethylphthalate	15.581	149	1285411	20.181	ng/ul	99
61) Fluorene	15.816	166	1218189	20.391	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	591777	20.274	ng/ul	97
63) 4-Nitroaniline	15.834	138	160924	16.357	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.892	198	211729	18.526	ng/ul	99
67) N-Nitrosodiphenylamine	16.022	169	1058822	20.493	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	376799	20.819	ng/ul	99
69) Hexachlorobenzene	16.822	284	446418	20.872	ng/ul	98
70) Atrazine	16.969	200	396194	20.746	ng/ul	99
71) Pentachlorophenol	17.169	266	267273	19.978	ng/ul	99
72) Phenanthrene	17.563	178	2127197	22.232	ng/ul	100
74) Anthracene	17.657	178	2192432	22.660	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	533073	21.397	ng/ul	98
76) Pentachlorobenzene	15.087	250	532187	21.275	ng/ul	100
77) Carbazole	17.922	167	1904663	22.449	ng/ul	100
78) Di-n-butylphthalate	18.451	149	2301396	21.064	ng/ul	99
80) Fluoranthene	19.516	202	2404426	21.124	ng/ul	99
82) Pyrene	19.869	202	2556076	21.746	ng/ul	99
83) Butylbenzylphthalate	20.722	149	1012176	19.424	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.504	252	720805	20.383	ng/ul	97
85) Benzo(a)anthracene	21.580	228	2381751	21.393	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1452410	19.360	ng/ul	98
87) Chrysene	21.639	228	2275077	21.376	ng/ul	99
89) Di-n-octyl phthalate	22.451	149	2501662	21.550	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	2358062	21.944	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	2388491	23.148	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2065532	21.747	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.874	276	2388807	19.424	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	1962925	19.444	ng/ul	100
96) Benzo(g,h,i)perylene	27.704	276	1878048	18.727	ng/ul	99

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

