

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051123\
 Data File : BP015064.D
 Acq On : 11 May 2023 13:54
 Operator : CG/JU
 Sample : SSTD08075
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080615

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 11 22:49:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 11 15:04:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	339484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.975	136	1521165	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	934852	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	2041879	20.000	ng/u1	0.00
79) Chrysene-d12	21.628	240	1720563	20.000	ng/u1	0.00
88) Perylene-d12	24.204	264	2008122	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	274095	31.370	ng/uL	0.00
4) Pyridine-d5	3.876	84	2018720	81.509	ng/u1	0.00
7) Phenol-d5	7.299	99	2611107	82.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.464	67	1449868	79.643	ng/u1	0.00
11) 2-Chlorophenol-d4	7.669	132	1918266	82.771	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	2036769	81.093	ng/u1	0.01
21) Nitrobenzene-d5	9.328	128	1015254	84.936	ng/u1	0.01
24) 2-Nitrophenol-d4	10.052	143	1150042	86.468	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	1960563	81.690	ng/u1	0.00
31) 4-Chloroaniline-d4	11.116	131	2796903	78.765	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	5412862	76.623	ng/u1	0.00
49) Acenaphthylene-d8	14.487	160	6254129	77.408	ng/u1	0.00
54) 4-Nitrophenol-d4	14.993	143	1145568	83.513	ng/u1	0.02
60) Fluorene-d10	15.781	176	4522342	75.867	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	1085157	84.329	ng/u1	0.01
73) Anthracene-d10	17.645	188	6943733	74.265	ng/u1	0.00
81) Pyrene-d10	19.863	212	7763366	77.797	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	8062462	80.879	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	295525	31.476	ng/uL	99
5) Pyridine	3.899	79	2095988	81.371	ng/u1	98
6) Benzaldehyde	7.269	77	811440	93.660	ng/u1	97
8) Phenol	7.328	94	2670132	82.611	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.558	93	2073662	80.190	ng/u1	99
12) 2-Chlorophenol	7.705	128	2007991	81.914	ng/u1	99
13) 2-Methylphenol	8.593	108	2035398	81.479	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.681	45	2564829	79.165	ng/u1	99
16) Acetophenone	8.987	105	3018550	77.003	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.981	70	1512638	73.576	ng/u1	99
18) 4-Methylphenol	8.934	108	2229535	81.088	ng/u1	99
19) Hexachloroethane	9.234	117	800384	79.965	ng/u1	96
22) Nitrobenzene	9.369	77	2380518	80.636	ng/u1	97
23) Isophorone	9.911	82	4709392	77.609	ng/u1	99
25) 2-Nitrophenol	10.087	139	1225091	83.998	ng/u1	98
26) 2,4-Dimethylphenol	10.140	107	2304337	79.175	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.381	93	2864728	77.591	ng/u1	99
29) 2,4-Dichlorophenol	10.622	162	1940837	80.060	ng/u1	99
30) Naphthalene	11.028	128	6333570	76.584	ng/u1	100
32) 4-Chloroaniline	11.140	127	2857163	78.286	ng/u1	100
33) Hexachlorobutadiene	11.305	225	1146309	78.456	ng/u1	98
34) Caprolactam	11.952	113	726899m	79.538	ng/u1	
35) 4-Chloro-3-methylphenol	12.257	107	2173512	79.403	ng/u1	98
36) 2-Methylnaphthalene	12.628	142	4236940	76.037	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	4208908	75.216	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.993	216	2233037	79.867	ng/ul	99
40) Hexachlorocyclopentadiene	12.963	237	1553513	85.757	ng/ul	98
41) 2,4,6-Trichlorophenol	13.228	196	1583141	80.187	ng/ul	98
42) 2,4,5-Trichlorophenol	13.304	196	1732011	80.911	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	5472090	75.443	ng/ul	99
44) 2-Chloronaphthalene	13.669	162	4371075	77.167	ng/ul	99
45) 2-Nitroaniline	13.875	65	1384100	85.400	ng/ul	100
47) Dimethylphthalate	14.246	163	5568203	75.685	ng/ul	99
48) 2,6-Dinitrotoluene	14.369	165	1268033	86.998	ng/ul	94
50) Acenaphthylene	14.516	152	6792423	75.347	ng/ul	99
51) 3-Nitroaniline	14.699	138	1195420	91.083	ng/ul	98
52) Acenaphthene	14.851	153	4645120	75.444	ng/ul	99
53) 2,4-Dinitrophenol	14.904	184	878485	90.776	ng/ul	98
55) 4-Nitrophenol	15.010	109	825787	81.848	ng/ul	99
56) Dibenzofuran	15.187	168	6374415	74.433	ng/ul	99
57) 2,4-Dinitrotoluene	15.157	165	1776081	84.210	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.416	232	1461895	80.919	ng/ul	93
59) Diethylphthalate	15.604	149	5478429	74.661	ng/ul	98
61) Fluorene	15.840	166	4869815	70.759	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.822	204	2463030	73.246	ng/ul	98
63) 4-Nitroaniline	15.869	138	1022881	90.251	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.922	198	1091430	82.182	ng/ul#	95
67) N-Nitrosodiphenylamine	16.040	169	4438753	73.931	ng/ul	99
68) 4-Bromophenyl-phenylether	16.722	248	1669511	79.381	ng/ul	96
69) Hexachlorobenzene	16.845	284	1950663	78.485	ng/ul	96
70) Atrazine	16.998	200	1745350	78.649	ng/ul	98
71) Pentachlorophenol	17.187	266	1289044	82.914	ng/ul	99
72) Phenanthrene	17.587	178	8137112	73.183	ng/ul	99
74) Anthracene	17.681	178	8093454	71.983	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.593	216	2288974	79.065	ng/ul	98
76) Pentachlorobenzene	15.104	250	2258564	77.697	ng/ul	98
77) Carbazole	17.945	167	7646383	77.556	ng/ul	99
78) Di-n-butylphthalate	18.475	149	9112805	71.774	ng/ul	99
80) Fluoranthene	19.539	202	9350537	76.879	ng/ul	99
82) Pyrene	19.892	202	9286018	73.933	ng/ul	99
83) Butylbenzylphthalate	20.739	149	4296535	77.162	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.528	252	3049599	80.703	ng/ul	99
85) Benzo(a)anthracene	21.610	228	9143369	76.856	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.498	149	5982274	74.625	ng/ul	99
87) Chrysene	21.669	228	8579494	75.440	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	10585728	76.970	ng/ul	100
90) Benzo(b)fluoranthene	23.416	252	10176550	79.939	ng/ul	99
91) Benzo(k)fluoranthene	23.469	252	9562519	78.227	ng/ul	99
93) Benzo(a)pyrene	24.104	252	8934385	79.400	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.968	276	11329399	77.760	ng/ul	99
95) Dibenzo(a,h)anthracene	26.986	278	9186098	76.806	ng/ul	99
96) Benzo(g,h,i)perylene	27.810	276	9102556	76.615	ng/ul	100

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

