

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP015206.D
 Acq On : 22 May 2023 09:54
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 23 00:59:08 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	8.122	152	248470	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	1090937	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	695681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1516542	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1054477	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1113130	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	53606	8.382	ng/uL	0.00
4) Pyridine-d5	3.869	84	378101	20.858	ng/u1	0.00
7) Phenol-d5	7.275	99	466423	20.218	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	280672	21.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.645	132	360597	21.259	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	379078	20.621	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	184516	21.524	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	209599	21.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	391847	22.766	ng/u1	0.00
31) 4-Chloroaniline-d4	11.086	131	538805	21.157	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1165905	22.178	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1310326	21.794	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	187087	18.328	ng/u1	0.00
60) Fluorene-d10	15.751	176	986965	22.250	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	165270	17.292	ng/u1	0.00
73) Anthracene-d10	17.616	188	1483550	21.363	ng/u1	0.00
81) Pyrene-d10	19.833	212	1529751	25.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1180311	21.360	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.469	88	58419	8.501	ng/uL	97
5) Pyridine	3.887	79	387265	20.542	ng/u1	95
6) Benzaldehyde	7.251	77	129323	20.395	ng/u1	99
8) Phenol	7.298	94	485396	20.519	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.534	93	392527	20.739	ng/u1	98
12) 2-Chlorophenol	7.681	128	377372	21.033	ng/u1	98
13) 2-Methylphenol	8.569	108	373450	20.426	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	501001	21.128	ng/u1	100
16) Acetophenone	8.957	105	609448	21.242	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.940	70	313665	20.846	ng/u1	97
18) 4-Methylphenol	8.898	108	412655	20.506	ng/u1	97
19) Hexachloroethane	9.216	117	155793	21.266	ng/u1	91
22) Nitrobenzene	9.340	77	466983	22.056	ng/u1	98
23) Isophorone	9.869	82	895414	20.575	ng/u1	99
25) 2-Nitrophenol	10.057	139	230582	22.045	ng/u1	92
26) 2,4-Dimethylphenol	10.110	107	462862	22.175	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.351	93	554861	20.955	ng/u1	98
29) 2,4-Dichlorophenol	10.592	162	390438	22.457	ng/u1	97
30) Naphthalene	11.004	128	1261409	21.268	ng/u1	99
32) 4-Chloroaniline	11.116	127	560038	21.397	ng/u1	99
33) Hexachlorobutadiene	11.281	225	253502	24.193	ng/u1	98
34) Caprolactam	11.892	113	125485m	19.144	ng/u1	
35) 4-Chloro-3-methylphenol	12.228	107	435061	22.162	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	863689	21.612	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	868984	21.654	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	486273	23.371	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	196943	14.609	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	330310	22.482	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	357170	22.421	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1198103	22.197	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	928463	22.026	ng/ul	98
45) 2-Nitroaniline	13.845	65	275632	22.853	ng/ul	91
47) Dimethylphthalate	14.210	163	1205970	22.028	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	253787	23.398	ng/ul	97
50) Acenaphthylene	14.486	152	1449762	21.611	ng/ul	99
51) 3-Nitroaniline	14.669	138	180478	18.479	ng/ul	99
52) Acenaphthene	14.827	153	991347	21.636	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	108854	15.115	ng/ul	93
55) 4-Nitrophenol	14.969	109	160500	21.377	ng/ul	89
56) Dibenzofuran	15.157	168	1414194	22.191	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	354338	22.576	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.380	232	303897	22.604	ng/ul	99
59) Diethylphthalate	15.569	149	1213074	22.216	ng/ul	100
61) Fluorene	15.810	166	1122120	21.910	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	567507	22.679	ng/ul	96
63) 4-Nitroaniline	15.827	138	140436	16.651	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.886	198	170041	17.239	ng/ul	100
67) N-Nitrosodiphenylamine	16.010	169	966505	21.674	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	358632	22.959	ng/ul	99
69) Hexachlorobenzene	16.816	284	421948	22.858	ng/ul	99
70) Atrazine	16.963	200	369183	22.399	ng/ul	100
71) Pentachlorophenol	17.163	266	224908	19.478	ng/ul	99
72) Phenanthrene	17.557	178	1782036	21.579	ng/ul	100
74) Anthracene	17.651	178	1777270	21.283	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	500863	23.294	ng/ul	100
76) Pentachlorobenzene	15.080	250	499778	23.149	ng/ul	98
77) Carbazole	17.916	167	1522447	20.791	ng/ul	100
78) Di-n-butylphthalate	18.445	149	2074013	21.994	ng/ul	100
80) Fluoranthene	19.510	202	1937464	25.992	ng/ul	97
82) Pyrene	19.862	202	1929626	25.068	ng/ul	96
83) Butylbenzylphthalate	20.715	149	841705	24.665	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	476878	20.592	ng/ul	99
85) Benzo(a)anthracene	21.574	228	1616268	22.168	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	1242914	25.299	ng/ul	99
87) Chrysene	21.627	228	1506244	21.611	ng/ul	97
89) Di-n-octyl phthalate	22.445	149	1883651	24.708	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	1544453	21.886	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	1488117	21.962	ng/ul	98
93) Benzo(a)pyrene	24.039	252	1328099	21.293	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.856	276	1731897	21.444	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	1420109	21.421	ng/ul	99
96) Benzo(g,h,i)perylene	27.691	276	1439045	21.851	ng/ul	98

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

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