

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
 Data File : BP015078.D
 Acq On : 15 May 2023 17:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020709

Quant Time: May 16 01:44:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 16 01:39:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	320557	20.000	ng/u1	0.00
20) Naphthalene-d8	10.969	136	1443659	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.780	164	918724	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.533	188	2013939	20.000	ng/u1	0.00
79) Chrysene-d12	21.609	240	1754976	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1864697	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	69731	8.452	ng/uL	0.00
4) Pyridine-d5	3.875	84	477120	20.402	ng/u1	0.00
7) Phenol-d5	7.287	99	616895	20.727	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.457	67	372480	21.669	ng/u1	0.00
11) 2-Chlorophenol-d4	7.663	132	462927	21.154	ng/u1	0.00
15) 4-Methylphenol-d8	8.851	113	505824	21.328	ng/u1	0.00
21) Nitrobenzene-d5	9.316	128	240816	21.228	ng/u1	0.00
24) 2-Nitrophenol-d4	10.045	143	268126	21.242	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	496310	21.790	ng/u1	0.00
31) 4-Chloroaniline-d4	11.104	131	743311	22.057	ng/u1	0.00
46) Dimethylphthalate-d6	14.180	166	1525343	21.971	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1745431	21.983	ng/u1	0.00
54) 4-Nitrophenol-d4	14.969	143	283953	21.064	ng/u1	0.00
60) Fluorene-d10	15.769	176	1294482	22.097	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.886	200	257182	20.263	ng/u1	0.00
73) Anthracene-d10	17.633	188	2013873	21.838	ng/u1	0.00
81) Pyrene-d10	19.851	212	2230121	21.910	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1957630	21.149	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	74851	8.443	ng/uL	97
5) Pyridine	3.899	79	513682	21.120	ng/u1	98
6) Benzaldehyde	7.263	77	164130	20.063	ng/u1	99
8) Phenol	7.316	94	648173	21.238	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.551	93	530041	21.707	ng/u1	99
12) 2-Chlorophenol	7.693	128	494803	21.377	ng/u1	99
13) 2-Methylphenol	8.581	108	499045	21.157	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	669784	21.894	ng/u1	99
16) Acetophenone	8.969	105	839892	22.691	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.951	70	425928	21.941	ng/u1	99
18) 4-Methylphenol	8.916	108	561377	21.623	ng/u1	98
19) Hexachloroethane	9.234	117	202529	21.429	ng/u1	95
22) Nitrobenzene	9.357	77	599825	21.409	ng/u1	100
23) Isophorone	9.887	82	1224003	21.254	ng/u1	99
25) 2-Nitrophenol	10.075	139	302170	21.830	ng/u1	100
26) 2,4-Dimethylphenol	10.128	107	608827	22.042	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.369	93	764217	21.810	ng/u1	99
29) 2,4-Dichlorophenol	10.610	162	504738	21.938	ng/u1	99
30) Naphthalene	11.022	128	1707050	21.750	ng/u1	100
32) 4-Chloroaniline	11.128	127	784359	22.645	ng/u1	99
33) Hexachlorobutadiene	11.304	225	304053	21.927	ng/u1	99
34) Caprolactam	11.904	113	177170m	20.425	ng/u1	
35) 4-Chloro-3-methylphenol	12.239	107	568181	21.871	ng/u1	100
36) 2-Methylnaphthalene	12.616	142	1155097	21.842	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.833	142	1171535	22.060	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.981	216	607826	22.121	ng/ul	98
40) Hexachlorocyclopentadiene	12.957	237	368139	20.679	ng/ul	98
41) 2,4,6-Trichlorophenol	13.216	196	413057	21.289	ng/ul	98
42) 2,4,5-Trichlorophenol	13.286	196	455456	21.650	ng/ul	99
43) 1,1'-Biphenyl	13.616	154	1587640	22.273	ng/ul	98
44) 2-Chloronaphthalene	13.663	162	1228438	22.068	ng/ul	99
45) 2-Nitroaniline	13.863	65	350726	22.020	ng/ul	95
47) Dimethylphthalate	14.228	163	1573316	21.761	ng/ul	100
48) 2,6-Dinitrotoluene	14.357	165	312858	21.842	ng/ul	96
50) Acenaphthylene	14.504	152	1965996	22.191	ng/ul	100
51) 3-Nitroaniline	14.680	138	243182	18.854	ng/ul	97
52) Acenaphthene	14.845	153	1340148	22.148	ng/ul	99
53) 2,4-Dinitrophenol	14.892	184	176763	18.586	ng/ul	99
55) 4-Nitrophenol	14.986	109	216941	21.880	ng/ul	99
56) Dibenzofuran	15.175	168	1859148	22.090	ng/ul	100
57) 2,4-Dinitrotoluene	15.139	165	453593	21.884	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.404	232	386803	21.786	ng/ul	94
59) Diethylphthalate	15.586	149	1577757	21.879	ng/ul	100
61) Fluorene	15.827	166	1508640	22.306	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.816	204	732671	22.171	ng/ul	99
63) 4-Nitroaniline	15.845	138	208049	18.679	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.904	198	274761	20.976	ng/ul	96
67) N-Nitrosodiphenylamine	16.027	169	1300769	21.966	ng/ul	100
68) 4-Bromophenyl-phenylether	16.716	248	453880	21.880	ng/ul	98
69) Hexachlorobenzene	16.833	284	533295	21.755	ng/ul	100
70) Atrazine	16.980	200	476539	21.772	ng/ul	99
71) Pentachlorophenol	17.180	266	313560	20.449	ng/ul	99
72) Phenanthrene	17.574	178	2397542	21.862	ng/ul	99
74) Anthracene	17.669	178	2435887	21.965	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.586	216	620077	21.716	ng/ul	100
76) Pentachlorobenzene	15.098	250	635461	22.164	ng/ul	99
77) Carbazole	17.933	167	2186645	22.486	ng/ul	99
78) Di-n-butylphthalate	18.463	149	2649480	21.157	ng/ul	100
80) Fluoranthene	19.527	202	2722023	21.941	ng/ul	100
82) Pyrene	19.880	202	2858111	22.309	ng/ul	99
83) Butylbenzylphthalate	20.733	149	1175638	20.699	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.521	252	847198	21.980	ng/ul	99
85) Benzo(a)anthracene	21.598	228	2645370	21.800	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	1666447	20.380	ng/ul	100
87) Chrysene	21.651	228	2543820	21.929	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	2771407	21.701	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	2564492	21.694	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	2570536	22.646	ng/ul	99
93) Benzo(a)pyrene	24.074	252	2258400	21.614	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	2523325	18.651	ng/ul	99
95) Dibenzo(a,h)anthracene	26.933	278	2073141	18.667	ng/ul	99
96) Benzo(g,h,i)perylene	27.756	276	1994454	18.078	ng/ul	99

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

