

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015247.D
 Acq On : 23 May 2023 19:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020728

Quant Time: May 23 22:28:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	341772	20.000	ng/u1	0.00
20) Naphthalene-d8	10.952	136	1529095	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	977100	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	2220803	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1757578	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1983655	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	69306	7.879	ng/uL	0.00
4) Pyridine-d5	3.864	84	453941	18.206	ng/u1	0.00
7) Phenol-d5	7.269	99	604320	19.044	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	367614	20.058	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	452747	19.405	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	489401	19.355	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	238092	19.815	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	274749	20.550	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	493286	20.447	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	643319	18.023	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1413353	19.142	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1598805	18.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	227836	15.891	ng/u1	0.00
60) Fluorene-d10	15.751	176	1184755	19.016	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	212483	15.182	ng/u1	0.00
73) Anthracene-d10	17.610	188	1716043	16.875	ng/u1	0.00
81) Pyrene-d10	19.833	212	1759899	17.265	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1550853	15.749	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	74727	7.906	ng/uL	95
5) Pyridine	3.887	79	463924	17.890	ng/u1	96
6) Benzaldehyde	7.252	77	216109	24.777	ng/u1	99
8) Phenol	7.299	94	627162	19.274	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.534	93	507561	19.496	ng/u1	99
12) 2-Chlorophenol	7.675	128	480180	19.457	ng/u1	97
13) 2-Methylphenol	8.563	108	482818	19.198	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	674487	20.679	ng/u1	98
16) Acetophenone	8.958	105	777717	19.707	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.940	70	407152	19.672	ng/u1	97
18) 4-Methylphenol	8.899	108	530419	19.162	ng/u1	99
19) Hexachloroethane	9.210	117	205030	20.347	ng/u1	92
22) Nitrobenzene	9.340	77	599650	20.207	ng/u1	99
23) Isophorone	9.869	82	1201337	19.695	ng/u1	100
25) 2-Nitrophenol	10.058	139	294894	20.114	ng/u1	94
26) 2,4-Dimethylphenol	10.110	107	588775	20.125	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.352	93	721553	19.442	ng/u1	98
29) 2,4-Dichlorophenol	10.593	162	492479	20.209	ng/u1	99
30) Naphthalene	10.999	128	1585778	19.076	ng/u1	99
32) 4-Chloroaniline	11.110	127	668185	18.213	ng/u1	100
33) Hexachlorobutadiene	11.281	225	322109	21.932	ng/u1	99
34) Caprolactam	11.893	113	165033m	17.963	ng/u1	
35) 4-Chloro-3-methylphenol	12.222	107	551649	20.048	ng/u1	98
36) 2-Methylnaphthalene	12.599	142	1089690	19.454	ng/u1	100

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37) 1-Methylnaphthalene	12.816	142	1093062	19.432	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	592723	20.283	ng/ul	99
40) Hexachlorocyclopentadiene	12.934	237	349636	18.466	ng/ul	99
41) 2,4,6-Trichlorophenol	13.199	196	405385	19.645	ng/ul	96
42) 2,4,5-Trichlorophenol	13.269	196	442396	19.773	ng/ul	99
43) 1,1'-Biphenyl	13.593	154	1476041	19.470	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	1152804	19.472	ng/ul	100
45) 2-Nitroaniline	13.846	65	347658	20.523	ng/ul	95
47) Dimethylphthalate	14.210	163	1484767	19.309	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	317932	20.870	ng/ul	99
50) Acenaphthylene	14.481	152	1784479	18.939	ng/ul	99
51) 3-Nitroaniline	14.663	138	258675	18.857	ng/ul	97
52) Acenaphthene	14.822	153	1222812	19.002	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	171497	16.955	ng/ul	95
55) 4-Nitrophenol	14.969	109	205024	19.442	ng/ul	86
56) Dibenzofuran	15.157	168	1702442	19.020	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	435613	19.761	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.381	232	362690	19.208	ng/ul	98
59) Diethylphthalate	15.569	149	1571349	20.489	ng/ul	100
61) Fluorene	15.804	166	1369163	19.034	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.793	204	703470	20.015	ng/ul	94
63) 4-Nitroaniline	15.828	138	196216	16.564	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.887	198	230071	15.928	ng/ul	97
67) N-Nitrosodiphenylamine	16.010	169	1179207	18.058	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	465098	20.333	ng/ul	98
69) Hexachlorobenzene	16.810	284	521491	19.292	ng/ul	98
70) Atrazine	16.963	200	450340	18.658	ng/ul	99
71) Pentachlorophenol	17.157	266	287154	16.982	ng/ul	99
72) Phenanthrene	17.557	178	2195268	18.153	ng/ul	99
74) Anthracene	17.645	178	2182356	17.846	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	605154	19.219	ng/ul	98
76) Pentachlorobenzene	15.075	250	581734	18.400	ng/ul	99
77) Carbazole	17.910	167	1854114	17.291	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2908512	21.062	ng/ul	99
80) Fluoranthene	19.504	202	2472661	19.902	ng/ul	99
82) Pyrene	19.857	202	2439785	19.016	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1109084	19.499	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	535615	13.876	ng/ul	99
85) Benzo(a)anthracene	21.569	228	2184705	17.977	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.469	149	1585788	19.365	ng/ul	99
87) Chrysene	21.627	228	1949052	16.777	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	2483290	18.279	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2226854	17.708	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2156438	17.859	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1955394	17.592	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	2580705	17.931	ng/ul	98
95) Dibenzo(a,h)anthracene	26.874	278	2130371	18.032	ng/ul	98
96) Benzo(g,h,i)perylene	27.692	276	2120681	18.070	ng/ul	97

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

