

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051523\
 Data File : BP015097.D
 Acq On : 16 May 2023 04:38
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020710

Quant Time: May 16 05:57:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	363551	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	1671920	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.775	164	1055657	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2303321	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2023341	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	2064135	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	79795	8.528	ng/uL	0.00
4) Pyridine-d5	3.875	84	565259	21.312	ng/u1	0.00
7) Phenol-d5	7.281	99	724205	21.455	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	434445	22.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.657	132	536125	21.602	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	583399	21.690	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	284240	21.635	ng/u1	0.00
24) 2-Nitrophenol-d4	10.040	143	314544	21.517	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.581	165	575706	21.825	ng/u1	0.00
31) 4-Chloroaniline-d4	11.098	131	858111	21.987	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1732097	21.713	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	2015314	22.089	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	329473	21.270	ng/u1	0.00
60) Fluorene-d10	15.763	176	1480849	22.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	288177	19.853	ng/u1	0.00
73) Anthracene-d10	17.627	188	2299696	21.804	ng/u1	0.00
81) Pyrene-d10	19.845	212	2553520	21.760	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	2182584	21.301	ng/u1	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.469	88	84232	8.378	ng/uL	97
5) Pyridine	3.893	79	586958	21.279	ng/u1	98
6) Benzaldehyde	7.263	77	190555	20.539	ng/u1	97
8) Phenol	7.310	94	755241	21.820	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.546	93	608278	21.965	ng/u1	100
12) 2-Chlorophenol	7.693	128	574984	21.903	ng/u1	99
13) 2-Methylphenol	8.575	108	582236	21.765	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	790570	22.786	ng/u1	98
16) Acetophenone	8.969	105	960111	22.871	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.951	70	493050	22.395	ng/u1	98
18) 4-Methylphenol	8.910	108	650098	22.079	ng/u1	97
19) Hexachloroethane	9.228	117	235433	21.965	ng/u1	97
22) Nitrobenzene	9.351	77	711416	21.925	ng/u1	99
23) Isophorone	9.881	82	1427457	21.403	ng/u1	100
25) 2-Nitrophenol	10.069	139	348855	21.762	ng/u1	96
26) 2,4-Dimethylphenol	10.122	107	709227	22.171	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.363	93	885468	21.820	ng/u1	98
29) 2,4-Dichlorophenol	10.604	162	587556	22.051	ng/u1	98
30) Naphthalene	11.016	128	1963109	21.597	ng/u1	100
32) 4-Chloroaniline	11.122	127	901302	22.469	ng/u1	100
33) Hexachlorobutadiene	11.298	225	345127	21.491	ng/u1	99
34) Caprolactam	11.898	113	204788m	20.386	ng/u1	
35) 4-Chloro-3-methylphenol	12.234	107	667223	22.177	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1334592	21.791	ng/u1	99

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37) 1-Methylnaphthalene	12.828	142	1353299	22.004	ng/ul	99	05/16/2023
39) 1,2,4,5-Tetrachloroben...	12.975	216	697329	22.087	ng/ul	98	Supervised By :Yogesh Patel
40) Hexachlorocyclopentadiene	12.951	237	402048	19.654	ng/ul	99	
41) 2,4,6-Trichlorophenol	13.210	196	479226	21.495	ng/ul	97	
42) 2,4,5-Trichlorophenol	13.287	196	528785	21.875	ng/ul	99	
43) 1,1'-Biphenyl	13.610	154	1836316	22.420	ng/ul	99	
44) 2-Chloronaphthalene	13.657	162	1419526	22.193	ng/ul	100	05/16/2023
45) 2-Nitroaniline	13.857	65	414158	22.629	ng/ul	96	
47) Dimethylphthalate	14.222	163	1807514	21.757	ng/ul	100	
48) 2,6-Dinitrotoluene	14.351	165	367254	22.313	ng/ul	95	
50) Acenaphthylene	14.498	152	2248853	22.091	ng/ul	100	
51) 3-Nitroaniline	14.675	138	290415	19.595	ng/ul	95	
52) Acenaphthene	14.839	153	1546202	22.239	ng/ul	99	
53) 2,4-Dinitrophenol	14.886	184	195770	17.914	ng/ul	98	
55) 4-Nitrophenol	14.981	109	253945	22.290	ng/ul	99	
56) Dibenzofuran	15.169	168	2136859	22.096	ng/ul	99	
57) 2,4-Dinitrotoluene	15.134	165	526125	22.091	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	15.392	232	445510	21.838	ng/ul	99	
59) Diethylphthalate	15.581	149	1798111	21.701	ng/ul	100	
61) Fluorene	15.822	166	1728482	22.241	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.810	204	830957	21.883	ng/ul	99	
63) 4-Nitroaniline	15.839	138	255417	19.957	ng/ul	100	
66) 4,6-Dinitro-2-methylph...	15.898	198	311685	20.805	ng/ul	95	
67) N-Nitrosodiphenylamine	16.022	169	1473561	21.757	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.710	248	517764	21.824	ng/ul	96	
69) Hexachlorobenzene	16.828	284	611611	21.815	ng/ul	99	
70) Atrazine	16.975	200	538416	21.508	ng/ul	98	
71) Pentachlorophenol	17.175	266	361170	20.594	ng/ul	100	
72) Phenanthrene	17.569	178	2744912	21.885	ng/ul	99	
74) Anthracene	17.663	178	2800781	22.083	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	13.581	216	717116	21.959	ng/ul	99	
76) Pentachlorobenzene	15.092	250	718857	21.923	ng/ul	99	
77) Carbazole	17.927	167	2476456	22.267	ng/ul	100	
78) Di-n-butylphthalate	18.457	149	3058207	21.353	ng/ul	100	
80) Fluoranthene	19.522	202	3167791	22.148	ng/ul	100	
82) Pyrene	19.874	202	3280716	22.211	ng/ul	99	
83) Butylbenzylphthalate	20.727	149	1361753	20.796	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.510	252	918067	20.660	ng/ul	98	
85) Benzo(a)anthracene	21.586	228	3021146	21.595	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.486	149	1962157	20.814	ng/ul	100	
87) Chrysene	21.645	228	2885007	21.572	ng/ul	98	
89) Di-n-octyl phthalate	22.463	149	3241190	22.927	ng/ul	100	
90) Benzo(b)fluoranthene	23.380	252	2888818	22.076	ng/ul	99	
91) Benzo(k)fluoranthene	23.433	252	2916474	23.211	ng/ul	99	
93) Benzo(a)pyrene	24.057	252	2500520	21.619	ng/ul	100	
94) Indeno(1,2,3-cd)pyrene	26.898	276	2756516	18.406	ng/ul	100	
95) Dibenzo(a,h)anthracene	26.909	278	2269582	18.461	ng/ul	99	
96) Benzo(g,h,i)perylene	27.733	276	2142930	17.547	ng/ul	98	

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

