

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
 Data File : BP011013.D
 Acq On : 19 Jul 2022 02:45
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020702

Quant Time: Jul 19 03:26:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/19/2022
 Supervised By :mohammad ahmed 07/20/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	474776	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1989500	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.340	164	1123129	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	2234763	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.227	240	2194900	20.000	ng/u1	# 0.00
88) Perylene-d12	23.580	264	2289221	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	96806	7.351	ng/uL	0.00
4) Pyridine-d5	3.593	84	598422	17.580	ng/u1	0.00
7) Phenol-d5	6.858	99	668870	17.163	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	446159	17.803	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	572443	18.178	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	536725	17.203	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	262628	18.114	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	256505	17.879	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	464213	17.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	735174	16.997	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1363633	17.764	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	1641578	18.125	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	250243	16.108	ng/u1	0.00
60) Fluorene-d10	15.339	176	1143300	17.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	172879	15.633	ng/u1	0.00
73) Anthracene-d10	17.204	188	1725155	18.159	ng/u1	0.00
81) Pyrene-d10	19.463	212	1971603	17.103	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.427	264	1967689	17.896	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	97874	7.083	ng/uL#	84
5) Pyridine	3.611	79	622717	17.751	ng/u1#	76
6) Benzaldehyde	6.828	77	416469	22.000	ng/u1	99
8) Phenol	6.887	94	715811	17.279	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.116	93	586446	17.837	ng/u1	89
12) 2-Chlorophenol	7.246	128	592960	18.216	ng/u1	92
13) 2-Methylphenol	8.128	108	525807	17.163	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	814680	18.117	ng/u1#	98
16) Acetophenone	8.505	105	839594	17.776	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.493	70	422614	17.833	ng/u1	91
18) 4-Methylphenol	8.458	108	573328	17.528	ng/u1	98
19) Hexachloroethane	8.752	117	239750	18.611	ng/u1#	81
22) Nitrobenzene	8.881	77	619166	18.160	ng/u1	94
23) Isophorone	9.410	82	1133048	17.756	ng/u1	99
25) 2-Nitrophenol	9.593	139	289567	17.982	ng/u1#	81
26) 2,4-Dimethylphenol	9.657	107	617557	18.135	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.899	93	742225	17.576	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	481589	17.734	ng/u1	100
30) Naphthalene	10.522	128	1806305	17.817	ng/u1	100
32) 4-Chloroaniline	10.640	127	735917	17.201	ng/u1	99
33) Hexachlorobutadiene	10.804	225	286197	18.105	ng/u1	96
34) Caprolactam	11.434	113	196384	20.635	ng/u1	88
35) 4-Chloro-3-methylphenol	11.781	107	535291	17.442	ng/u1	94
36) 2-Methylnaphthalene	12.146	142	1162178	17.682	ng/u1	99

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37) 1-Methylnaphthalene	12.363	142	1160894	17.621	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	525023	17.724	ng/ul#	98
40) Hexachlorocyclopentadiene	12.493	237	298948	16.294	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	340772	17.469	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	368267	17.664	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	1479917	17.660	ng/ul#	98
44) 2-Chloronaphthalene	13.204	162	1117270	17.750	ng/ul	98
45) 2-Nitroaniline	13.422	65	326317m	17.794	ng/ul	
47) Dimethylphthalate	13.810	163	1364197	17.613	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	256585	18.297	ng/ul	94
50) Acenaphthylene	14.057	152	1844472	18.149	ng/ul	98
51) 3-Nitroaniline	14.257	138	280434	16.645	ng/ul	90
52) Acenaphthene	14.404	153	1190645	17.685	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	139014	16.944	ng/ul	88
55) 4-Nitrophenol	14.569	109	227189	19.101	ng/ul#	76
56) Dibenzofuran	14.740	168	1639554	17.649	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	371905	18.593	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.969	232	278981	17.088	ng/ul#	84
59) Diethylphthalate	15.181	149	1398260	17.578	ng/ul	98
61) Fluorene	15.398	166	1317702	17.675	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	606687	17.677	ng/ul	95
63) 4-Nitroaniline	15.428	138	297163	19.192	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.481	198	184562	16.269	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	1127360	17.660	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	353258	17.527	ng/ul	93
69) Hexachlorobenzene	16.398	284	413339	17.670	ng/ul#	92
70) Atrazine	16.587	200	391747	17.739	ng/ul	97
71) Pentachlorophenol	16.751	266	247696	17.193	ng/ul	96
72) Phenanthrene	17.151	178	2066902	17.752	ng/ul	98
74) Anthracene	17.239	178	2087143	18.021	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	547418	17.111	ng/ul	97
76) Pentachlorobenzene	14.657	250	492216	17.551	ng/ul	99
77) Carbazole	17.522	167	1957075	18.055	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2395476	17.679	ng/ul	99
80) Fluoranthene	19.133	202	2392322	17.744	ng/ul#	87
82) Pyrene	19.492	202	2454696	17.647	ng/ul#	85
83) Butylbenzylphthalate	20.386	149	1104411	17.797	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.151	252	763832	19.654	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	2376592	17.779	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	1678081	18.124	ng/ul#	96
87) Chrysene	21.263	228	2293551	17.474	ng/ul	100
89) Di-n-octyl phthalate	22.069	149	2844959	18.531	ng/ul	100
90) Benzo(b)fluoranthene	22.863	252	2502820	17.707	ng/ul#	95
91) Benzo(k)fluoranthene	22.910	252	2377545	17.907	ng/ul#	94
93) Benzo(a)pyrene	23.474	252	2422993	17.849	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.015	276	2800676	17.753	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.039	278	2411862	17.668	ng/ul#	92
96) Benzo(g,h,i)perylene	26.762	276	2388532	17.777	ng/ul#	87

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

