

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016098.D
 Acq On : 08 Jul 2023 18:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020798

Quant Time: Jul 08 23:50:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	217928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	973214	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.669	164	632569	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	1399665	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.533	240	1250511	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	1257837	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	50413	8.323	ng/uL	0.00
4) Pyridine-d5	3.799	84	299738	19.631	ng/u1	0.00
7) Phenol-d5	7.210	99	408999	21.935	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	268301	23.258	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.552	132	310158	22.035	ng/u1	-0.01
15) 4-Methylphenol-d8	8.763	113	322334	21.882	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	159034	21.382	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	181638	20.924	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	324158	20.955	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	471162	23.711	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	1064496	21.772	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1199024	21.815	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.992	143	165160	25.598	ng/u1	0.03
60) Fluorene-d10	15.669	176	895372	22.241	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	157060	18.246	ng/u1	0.00
73) Anthracene-d10	17.539	188	1421415	22.233	ng/u1	0.00
81) Pyrene-d10	19.769	212	1614023	19.766	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	1358511	21.410	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	57785	8.865	ng/uL	99
5) Pyridine	3.817	79	338766	21.208	ng/u1	99
6) Benzaldehyde	7.193	77	93506m	12.404	ng/u1	
8) Phenol	7.240	94	444785	22.987	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.440	93	365284	23.727	ng/u1	98
12) 2-Chlorophenol	7.587	128	333252	22.285	ng/u1	98
13) 2-Methylphenol	8.487	108	337394	23.094	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.552	45	574440m	27.319	ng/u1	
16) Acetophenone	8.869	105	564767	23.324	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.834	70	320751	23.850	ng/u1	96
18) 4-Methylphenol	8.834	108	369974	23.570	ng/u1	98
19) Hexachloroethane	9.081	117	152268	22.047	ng/u1	87
22) Nitrobenzene	9.257	77	447705	21.435	ng/u1	97
23) Isophorone	9.775	82	902796	22.587	ng/u1	98
25) 2-Nitrophenol	9.969	139	197231	21.409	ng/u1	94
26) 2,4-Dimethylphenol	10.034	107	423701	20.921	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.257	93	541450	23.997	ng/u1	99
29) 2,4-Dichlorophenol	10.534	162	328128	21.336	ng/u1	99
30) Naphthalene	10.893	128	1169403	22.103	ng/u1	99
32) 4-Chloroaniline	11.040	127	502739	24.351	ng/u1	98
33) Hexachlorobutadiene	11.146	225	213200	18.357	ng/u1	99
34) Caprolactam	11.863	113	114158	24.267	ng/u1	94
35) 4-Chloro-3-methylphenol	12.175	107	394392	21.909	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	776355	22.291	ng/u1	97

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37) 1-Methylnaphthalene	12.722	142	782201	22.016	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.875	216	411001	19.717	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	88712	14.225	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	266993	20.267	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	287076	20.545	ng/ul	99
43) 1,1'-Biphenyl	13.504	154	1075291	21.461	ng/ul	97
44) 2-Chloronaphthalene	13.551	162	839414	21.267	ng/ul	99
45) 2-Nitroaniline	13.798	65	278780	22.447	ng/ul	97
47) Dimethylphthalate	14.128	163	1110457	21.946	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	221683	21.598	ng/ul	98
50) Acenaphthylene	14.392	152	1344572	22.202	ng/ul	99
51) 3-Nitroaniline	14.645	138	135356	16.817	ng/ul	93
52) Acenaphthene	14.734	153	936524	22.301	ng/ul	97
53) 2,4-Dinitrophenol	14.892	184	77335	14.202	ng/ul	91
55) 4-Nitrophenol	14.992	109	117983	17.646	ng/ul	80
56) Dibenzofuran	15.075	168	1288607	22.104	ng/ul	98
57) 2,4-Dinitrotoluene	15.092	165	316764	22.647	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.322	232	251576	20.961	ng/ul	98
59) Diethylphthalate	15.481	149	1163268	22.718	ng/ul	99
61) Fluorene	15.722	166	1058851	22.393	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	511559	21.143	ng/ul	96
63) 4-Nitroaniline	15.828	138	96369m	17.494	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	160492	18.428	ng/ul#	93
67) N-Nitrosodiphenylamine	15.934	169	886176	21.149	ng/ul	100
68) 4-Bromophenyl-phenylether	16.604	248	313958	19.643	ng/ul	93
69) Hexachlorobenzene	16.734	284	370059	19.622	ng/ul	97
70) Atrazine	16.892	200	319013	19.889	ng/ul	94
71) Pentachlorophenol	17.110	266	160975	17.784	ng/ul	98
72) Phenanthrene	17.475	178	1688000	22.199	ng/ul	100
74) Anthracene	17.575	178	1720040	22.512	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	432346	18.983	ng/ul	99
76) Pentachlorobenzene	14.992	250	438789	19.089	ng/ul	100
77) Carbazole	17.869	167	1528291	23.732	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2035142	23.838	ng/ul	99
80) Fluoranthene	19.445	202	1967429	19.387	ng/ul#	94
82) Pyrene	19.804	202	2054525	19.847	ng/ul#	92
83) Butylbenzylphthalate	20.639	149	945192	22.380	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.451	252	553589	19.583	ng/ul	98
85) Benzo(a)anthracene	21.516	228	1845034	20.974	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	1383213	23.832	ng/ul#	98
87) Chrysene	21.574	228	1917396	22.974	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	2294849	24.965	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1736775	21.489	ng/ul#	97
91) Benzo(k)fluoranthene	23.333	252	1858439	22.758	ng/ul#	97
93) Benzo(a)pyrene	23.963	252	1556368	22.038	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.768	276	1762121	18.380	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.768	278	1444977	18.350	ng/ul#	95
96) Benzo(g,h,i)perylene	27.609	276	1365641	17.315	ng/ul#	96

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

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