

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072722\
 Data File : BP011139.D
 Acq On : 27 Jul 2022 21:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020717

Quant Time: Jul 28 00:46:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 00:46:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	430043	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	1745985	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.322	164	863812	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1533157	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.204	240	1506377	20.000	ng/u1	# 0.00
88) Perylene-d12	23.539	264	1701905	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	92116	7.722	ng/uL	0.00
4) Pyridine-d5	3.570	84	608665	19.741	ng/u1	0.00
7) Phenol-d5	6.840	99	748266	21.197	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	548347	24.157	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	622923	21.838	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	590355	20.890	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	299093	23.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.540	143	284548	22.601	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	494135	21.461	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	745858	19.649	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1246400	21.112	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	1632107	23.430	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	214359	17.940	ng/u1	0.00
60) Fluorene-d10	15.322	176	1053622	20.996	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	150950	19.897	ng/u1	0.00
73) Anthracene-d10	17.187	188	1472733	22.596	ng/u1	0.00
81) Pyrene-d10	19.439	212	1632713	20.637	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.392	264	1795085	21.961	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	96172	7.684	ng/uL#	87
5) Pyridine	3.587	79	634224	19.960	ng/u1	82
6) Benzaldehyde	6.811	77	271708	15.846	ng/u1	98
8) Phenol	6.864	94	799339	21.303	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.093	93	671216	22.539	ng/u1	95
12) 2-Chlorophenol	7.222	128	651260	22.088	ng/u1	98
13) 2-Methylphenol	8.111	108	582178	20.980	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	1130729	27.761	ng/u1	97
16) Acetophenone	8.487	105	945894	22.110	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.475	70	504961	23.524	ng/u1	98
18) 4-Methylphenol	8.440	108	623075	21.030	ng/u1	97
19) Hexachloroethane	8.728	117	294151	25.210	ng/u1#	75
22) Nitrobenzene	8.864	77	757744	25.323	ng/u1	98
23) Isophorone	9.393	82	1323739	23.637	ng/u1	97
25) 2-Nitrophenol	9.569	139	321530	22.751	ng/u1	89
26) 2,4-Dimethylphenol	9.640	107	675682	22.609	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.881	93	837391	22.595	ng/u1	97
29) 2,4-Dichlorophenol	10.105	162	506900	21.270	ng/u1	99
30) Naphthalene	10.499	128	1983411	22.292	ng/u1	99
32) 4-Chloroaniline	10.622	127	743844	19.812	ng/u1	100
33) Hexachlorobutadiene	10.781	225	316718	22.831	ng/u1	96
34) Caprolactam	11.416	113	146915m	17.590	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	548930	20.381	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	1211923	21.011	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	1214984	21.015	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	529983	23.263	ng/ul#	96
40) Hexachlorocyclopentadiene	12.469	237	347797	24.648	ng/ul	95
41) 2,4,6-Trichlorophenol	12.746	196	330510	22.029	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	347271	21.658	ng/ul	99
43) 1,1'-Biphenyl	13.152	154	1502846	23.317	ng/ul#	97
44) 2-Chloronaphthalene	13.187	162	1122968	23.196	ng/ul	96
45) 2-Nitroaniline	13.404	65	343207	24.333	ng/ul	95
47) Dimethylphthalate	13.793	163	1259746	21.146	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	235429	21.829	ng/ul	98
50) Acenaphthylene	14.040	152	1799267	23.020	ng/ul	99
51) 3-Nitroaniline	14.240	138	180453	13.926	ng/ul	98
52) Acenaphthene	14.387	153	1169924	22.594	ng/ul	98
53) 2,4-Dinitrophenol	14.446	184	100491	15.926	ng/ul	96
55) 4-Nitrophenol	14.551	109	182598	19.960	ng/ul#	79
56) Dibenzofuran	14.722	168	1564477	21.897	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	328602	21.360	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	246906	19.663	ng/ul#	82
59) Diethylphthalate	15.163	149	1253154	20.483	ng/ul	96
61) Fluorene	15.375	166	1215505	21.199	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	551431	20.890	ng/ul	89
63) 4-Nitroaniline	15.410	138	147337m	12.372	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	159933	20.549	ng/ul	95
67) N-Nitrosodiphenylamine	15.598	169	1014391	23.162	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	311354	22.517	ng/ul	94
69) Hexachlorobenzene	16.381	284	351959	21.931	ng/ul#	88
70) Atrazine	16.563	200	314108	20.733	ng/ul	96
71) Pentachlorophenol	16.734	266	195209	19.751	ng/ul	94
72) Phenanthrene	17.128	178	1785330	22.351	ng/ul	99
74) Anthracene	17.222	178	1778589	22.385	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	547510	24.946	ng/uL	98
76) Pentachlorobenzene	14.640	250	460303	23.924	ng/uL	99
77) Carbazole	17.498	167	1622487	21.818	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1951994	20.999	ng/ul	100
80) Fluoranthene	19.116	202	1971583	21.307	ng/ul#	87
82) Pyrene	19.469	202	2056625	21.543	ng/ul#	82
83) Butylbenzylphthalate	20.363	149	899625	21.123	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.133	252	591402	22.172	ng/ul#	98
85) Benzo(a)anthracene	21.192	228	2033912	22.171	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.128	149	1377093	21.671	ng/ul#	94
87) Chrysene	21.239	228	1969674	21.866	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	2430841	21.297	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	2198363	20.920	ng/ul#	95
91) Benzo(k)fluoranthene	22.880	252	2177157	22.057	ng/ul#	95
93) Benzo(a)pyrene	23.439	252	2219222	21.990	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.963	276	2644419	22.548	ng/ul#	85
95) Dibenzo(a,h)anthracene	25.980	278	2258969	22.259	ng/ul#	92
96) Benzo(g,h,i)perylene	26.698	276	2287153	22.897	ng/ul#	85

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

