

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071823\
 Data File : BP016298.D
 Acq On : 18 Jul 2023 18:05
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020666

Quant Time: Jul 19 01:38:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	206948	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	894209	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	552229	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1215940	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1165504	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1309948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	49054	8.388	ng/uL	0.00
4) Pyridine-d5	3.728	84	304759	20.894	ng/u1	0.00
7) Phenol-d5	7.134	99	372982	19.953	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	258301	20.436	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	293540	21.754	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	261746	17.382	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	127522	20.671	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	164474	23.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	288946	23.731	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	409408	20.978	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	929900	22.075	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1052196	22.792	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	143466m	16.688	ng/u1	0.00
60) Fluorene-d10	15.598	176	772543	21.913	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	148686	21.182	ng/u1	0.00
73) Anthracene-d10	17.475	188	1210827	22.765	ng/u1	0.00
81) Pyrene-d10	19.710	212	1428476	23.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	1433288	22.784	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	55840	8.704	ng/uL	95
5) Pyridine	3.746	79	310980	20.816	ng/u1	99
6) Benzaldehyde	7.105	77	240376	20.595	ng/u1	93
8) Phenol	7.163	94	403147	20.119	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.369	93	336995	20.680	ng/u1	100
12) 2-Chlorophenol	7.510	128	304163	21.725	ng/u1	98
13) 2-Methylphenol	8.416	108	252515	16.743	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	449769	17.007	ng/u1	99
16) Acetophenone	8.793	105	415747	16.743	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.763	70	246491	18.516	ng/u1	99
18) 4-Methylphenol	8.757	108	278942	16.914	ng/u1	95
19) Hexachloroethane	9.010	117	118666	18.592	ng/u1	99
22) Nitrobenzene	9.181	77	361636	20.176	ng/u1	99
23) Isophorone	9.699	82	741736	20.877	ng/u1	99
25) 2-Nitrophenol	9.899	139	174806	23.139	ng/u1	97
26) 2,4-Dimethylphenol	9.957	107	364547	21.944	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	462910	22.376	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	281983	22.523	ng/u1	99
30) Naphthalene	10.810	128	1026432	21.873	ng/u1	99
32) 4-Chloroaniline	10.969	127	397671	20.487	ng/u1	97
33) Hexachlorobutadiene	11.069	225	190044	22.349	ng/u1	98
34) Caprolactam	11.775	113	98410m	21.712	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	329153	21.304	ng/u1	98
36) 2-Methylnaphthalene	12.434	142	541293	17.203	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	591129	18.268	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.804	216	323054	20.540	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	146196	23.678	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	216532	21.791	ng/ul	96
42) 2,4,5-Trichlorophenol	13.163	196	235888	22.329	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	914404	22.700	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	726623	22.959	ng/ul	100
45) 2-Nitroaniline	13.734	65	230441	22.342	ng/ul	98
47) Dimethylphthalate	14.063	163	928351	21.820	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	181242	22.596	ng/ul	96
50) Acenaphthylene	14.328	152	1199500	22.623	ng/ul	100
51) 3-Nitroaniline	14.575	138	168321	20.665	ng/ul	96
52) Acenaphthene	14.663	153	790918	22.055	ng/ul	98
53) 2,4-Dinitrophenol	14.810	184	150359	26.783	ng/ul	99
55) 4-Nitrophenol	14.922	109	103598	15.835	ng/ul	91
56) Dibenzofuran	15.010	168	1078001	22.069	ng/ul	98
57) 2,4-Dinitrotoluene	15.028	165	270107	22.828	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.251	232	216745	22.607	ng/ul	98
59) Diethylphthalate	15.422	149	974582	22.027	ng/ul	99
61) Fluorene	15.657	166	886301	21.720	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	435222	22.053	ng/ul	97
63) 4-Nitroaniline	15.751	138	140086	18.727	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	156870	21.382	ng/ul	95
67) N-Nitrosodiphenylamine	15.869	169	749347	23.250	ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	237250	20.531	ng/ul	98
69) Hexachlorobenzene	16.669	284	284796	20.465	ng/ul	98
70) Atrazine	16.828	200	265030	20.737	ng/ul	96
71) Pentachlorophenol	17.039	266	148898	21.337	ng/ul	99
72) Phenanthrene	17.410	178	1416407	22.356	ng/ul	100
74) Anthracene	17.510	178	1440114	22.621	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	387676	24.286	ng/ul	99
76) Pentachlorobenzene	14.928	250	353449	23.457	ng/ul	98
77) Carbazole	17.804	167	1277021	22.001	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1697791	23.350	ng/ul	99
80) Fluoranthene	19.380	202	1689076	23.884	ng/ul	100
82) Pyrene	19.739	202	1768201	23.418	ng/ul	100
83) Butylbenzylphthalate	20.580	149	784753	24.099	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.386	252	539759	19.821	ng/ul	98
85) Benzo(a)anthracene	21.445	228	1659843	21.870	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1054933	21.686	ng/ul	99
87) Chrysene	21.504	228	1700197	22.113	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2000709	24.383	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	1712448	22.886	ng/ul	100
91) Benzo(k)fluoranthene	23.239	252	1772065	23.272	ng/ul	99
93) Benzo(a)pyrene	23.845	252	1649317	22.250	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.586	276	1879653	20.478	ng/ul	99
95) Dibenzo(a,h)anthracene	26.586	278	1533978	20.489	ng/ul	98
96) Benzo(g,h,i)perylene	27.409	276	1448856	19.776	ng/ul	100

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

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