

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
 Data File : BP015485.D
 Acq On : 13 Jun 2023 08:39
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020747

Quant Time: Jun 14 00:18:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	120350	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	575104	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	428433	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1031176	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1071143	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1183638	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	27311	8.403	ng/uL	0.00
4) Pyridine-d5	3.846	84	185242	21.943	ng/u1	0.00
7) Phenol-d5	7.246	99	218678	19.723	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	138589	20.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	164260	20.434	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	182998	20.111	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	90029	19.939	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	102534	19.885	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	196373	20.878	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	277539	20.557	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	676772	20.032	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	760768	20.594	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	103520	17.111	ng/u1	0.00
60) Fluorene-d10	15.734	176	593415	20.829	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	118663	18.165	ng/u1	0.00
73) Anthracene-d10	17.598	188	973760	20.755	ng/u1	0.00
81) Pyrene-d10	19.822	212	1207246	21.058	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1190242	20.041	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	30403	8.856	ng/uL	95
5) Pyridine	3.870	79	190776	21.798	ng/u1	97
6) Benzaldehyde	7.228	77	72151m	17.025	ng/u1	
8) Phenol	7.275	94	230634	20.163	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.511	93	182052	20.130	ng/u1	99
12) 2-Chlorophenol	7.652	128	174892	20.592	ng/u1	98
13) 2-Methylphenol	8.540	108	178850	20.322	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.628	45	253090	21.118	ng/u1	97
16) Acetophenone	8.928	105	311483	21.449	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.910	70	162170	20.690	ng/u1	96
18) 4-Methylphenol	8.875	108	200847	20.742	ng/u1	98
19) Hexachloroethane	9.181	117	74504	20.759	ng/u1	98
22) Nitrobenzene	9.316	77	245204	20.478	ng/u1	98
23) Isophorone	9.840	82	465373	19.415	ng/u1	98
25) 2-Nitrophenol	10.034	139	113790	20.440	ng/u1	98
26) 2,4-Dimethylphenol	10.087	107	241215	20.431	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.322	93	276190	19.819	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	200453	21.434	ng/u1	98
30) Naphthalene	10.975	128	633878	20.340	ng/u1	100
32) 4-Chloroaniline	11.087	127	291680	20.879	ng/u1	98
33) Hexachlorobutadiene	11.252	225	133327	21.140	ng/u1	97
34) Caprolactam	11.869	113	63620	18.072	ng/u1	92
35) 4-Chloro-3-methylphenol	12.204	107	241164	21.284	ng/u1	96
36) 2-Methylnaphthalene	12.575	142	457830	20.898	ng/u1	100

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37) 1-Methylnaphthalene	12.793	142	479613	21.743	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	276460	20.722	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	105748	19.337	ng/ul	97
41) 2,4,6-Trichlorophenol	13.181	196	184381	20.765	ng/ul	96
42) 2,4,5-Trichlorophenol	13.257	196	190655	19.704	ng/ul	97
43) 1,1'-Biphenyl	13.575	154	675635	20.392	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	530445	20.406	ng/ul	98
45) 2-Nitroaniline	13.828	65	176287	21.189	ng/ul	95
47) Dimethylphthalate	14.193	163	709173	20.330	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	146229	20.461	ng/ul	97
50) Acenaphthylene	14.463	152	836964	20.459	ng/ul	100
51) 3-Nitroaniline	14.657	138	98723	16.734	ng/ul	95
52) Acenaphthene	14.804	153	583397	20.630	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	63636	14.802	ng/ul	97
55) 4-Nitrophenol	14.957	109	104698	17.941	ng/ul	97
56) Dibenzofuran	15.140	168	843439	21.044	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	217165	20.660	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.369	232	184160	21.079	ng/ul	97
59) Diethylphthalate	15.551	149	745000	20.839	ng/ul	99
61) Fluorene	15.792	166	695609	21.290	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	352426	21.402	ng/ul	100
63) 4-Nitroaniline	15.822	138	95327m	17.035	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	123628	18.556	ng/ul#	91
67) N-Nitrosodiphenylamine	15.998	169	593416	20.285	ng/ul	98
68) 4-Bromophenyl-phenylether	16.681	248	228781	20.738	ng/ul	99
69) Hexachlorobenzene	16.798	284	265099	20.372	ng/ul	94
70) Atrazine	16.945	200	240686	20.603	ng/ul	97
71) Pentachlorophenol	17.145	266	141218	19.200	ng/ul	99
72) Phenanthrene	17.539	178	1154490	20.863	ng/ul	99
74) Anthracene	17.634	178	1172561	20.884	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	283923	19.950	ng/uL	100
76) Pentachlorobenzene	15.057	250	302034	20.270	ng/uL	99
77) Carbazole	17.904	167	1067547	21.116	ng/ul	100
78) Di-n-butylphthalate	18.433	149	1366255	21.300	ng/ul	99
80) Fluoranthene	19.498	202	1455658	20.845	ng/ul	99
82) Pyrene	19.851	202	1519281	21.029	ng/ul	99
83) Butylbenzylphthalate	20.704	149	674702	21.129	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	467358	18.468	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1558555	20.814	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1018124	21.571	ng/ul	99
87) Chrysene	21.622	228	1468476	20.747	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	1774373	22.809	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1609808	21.070	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1515765	20.523	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1351139	20.283	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1590572	18.450	ng/ul	99
95) Dibenzo(a,h)anthracene	26.851	278	1304235	18.570	ng/ul	98
96) Benzo(g,h,i)perylene	27.674	276	1307865	18.409	ng/ul	99

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

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