

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017005.D
 Acq On : 08 Sep 2023 11:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020722

Quant Time: Sep 09 00:48:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 06 01:52:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
 Supervised By :mohammad ahmed 09/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	339010	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1473452	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	905007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	1860417	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	1388117	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1240433	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	79124	8.828	ng/uL	0.00
4) Pyridine-d5	3.764	84	558345	21.803	ng/u1	0.00
7) Phenol-d5	7.122	99	656345	21.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	431495	22.273	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	484833	21.629	ng/u1	-0.01
15) 4-Methylphenol-d8	8.687	113	503262	21.329	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	238376	20.853	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	258790	20.884	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.410	165	476833	20.843	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.963	131	684214	20.730	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1385714	20.570	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	1634620	21.025	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	249872	18.988	ng/u1	-0.01
60) Fluorene-d10	15.628	176	1207771	20.940	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	191786	17.130	ng/u1	0.00
73) Anthracene-d10	17.504	188	1802717	21.100	ng/u1	0.00
81) Pyrene-d10	19.739	212	1839727	21.759	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1301048	20.675	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	83601	8.640	ng/uL	99
5) Pyridine	3.781	79	586385	21.509	ng/u1	99
6) Benzaldehyde	7.134	77	373350	26.597	ng/u1	99
8) Phenol	7.152	94	688475	21.395	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.410	93	557469	21.724	ng/u1	99
12) 2-Chlorophenol	7.528	128	514962	21.564	ng/u1	98
13) 2-Methylphenol	8.416	108	499475	21.161	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	831670m	23.019	ng/u1	
16) Acetophenone	8.828	105	835493	21.943	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.799	70	450897	22.168	ng/u1	99
18) 4-Methylphenol	8.752	108	554238	21.531	ng/u1	97
19) Hexachloroethane	9.046	117	214465	21.679	ng/u1	95
22) Nitrobenzene	9.216	77	665861	21.815	ng/u1	97
23) Isophorone	9.734	82	1213545	21.163	ng/u1	99
25) 2-Nitrophenol	9.922	139	292347	21.428	ng/u1	98
26) 2,4-Dimethylphenol	9.957	107	597507	21.450	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.216	93	771543	21.710	ng/u1	98
29) 2,4-Dichlorophenol	10.440	162	491098	21.064	ng/u1	98
30) Naphthalene	10.851	128	1700986	21.156	ng/u1	100
32) 4-Chloroaniline	10.987	127	719586	20.949	ng/u1	100
33) Hexachlorobutadiene	11.081	225	272275	19.539	ng/u1	97
34) Caprolactam	11.810	113	152461	19.745	ng/u1	92
35) 4-Chloro-3-methylphenol	12.087	107	553949	21.682	ng/u1	98
36) 2-Methylnaphthalene	12.457	142	1130238	21.272	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	1143085	21.369	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	534562	20.048	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	279403	16.172	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	369966	20.386	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	402320	20.375	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	1526130	21.304	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	1183972	21.050	ng/ul	99
45) 2-Nitroaniline	13.745	65	373189	22.279	ng/ul	95
47) Dimethylphthalate	14.092	163	1465908	20.739	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	288722	21.033	ng/ul	98
50) Acenaphthylene	14.363	152	1849654	21.248	ng/ul	100
51) 3-Nitroaniline	14.575	138	284336	20.755	ng/ul	99
52) Acenaphthene	14.698	153	1291179	21.258	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	114448	13.447	ng/ul	99
55) 4-Nitrophenol	14.863	109	207502	19.702	ng/ul	96
56) Dibenzofuran	15.034	168	1778768	21.299	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	417146	21.170	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	313244	19.676	ng/ul	95
59) Diethylphthalate	15.451	149	1486035	21.038	ng/ul	99
61) Fluorene	15.687	166	1457909	21.174	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	679589	20.424	ng/ul	95
63) 4-Nitroaniline	15.745	138	250735	20.817	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.775	198	203113	17.316	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	1199624	21.385	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	376006	20.315	ng/ul	98
69) Hexachlorobenzene	16.663	284	402422	19.834	ng/ul	95
70) Atrazine	16.857	200	389329	20.270	ng/ul	98
71) Pentachlorophenol	17.028	266	229411	17.339	ng/ul	99
72) Phenanthrene	17.445	178	2198932	21.271	ng/ul	99
74) Anthracene	17.539	178	2215133	21.316	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	543996	20.528	ng/uL	98
76) Pentachlorobenzene	14.928	250	519814	20.364	ng/uL	99
77) Carbazole	17.822	167	1972869	21.126	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2411428	21.077	ng/ul	100
80) Fluoranthene	19.410	202	2333010	22.099	ng/ul	98
82) Pyrene	19.769	202	2440815	22.268	ng/ul	98
83) Butylbenzylphthalate	20.627	149	984356	21.715	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.427	252	600664	19.498	ng/ul	100
85) Benzo(a)anthracene	21.486	228	2077101	21.246	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.363	149	1360816	21.730	ng/ul	98
87) Chrysene	21.545	228	1939725	21.211	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	2101318	20.208	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1770103	20.424	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	1759918	20.970	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1503768	20.803	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.727	276	1762338	21.963	ng/ul	99
95) Dibenzo(a,h)anthracene	26.757	278	1454090	21.956	ng/ul	98
96) Benzo(g,h,i)perylene	27.574	276	1413268	22.350	ng/ul	98

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

