

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014061.D
 Acq On : 11 Mar 2023 10:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

Quant Time: Mar 13 00:51:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 22:47:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	177224	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	738415	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	532123	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1263049	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1288657	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	1246539	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	38538	8.216	ng/uL	0.00
4) Pyridine-d5	3.863	84	273315	21.045	ng/u1	0.00
7) Phenol-d5	7.222	99	334888	21.413	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	205800	22.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.599	132	252708	21.208	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	277063	21.688	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	125196	21.249	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	143205	20.305	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	262830	19.806	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	358703	20.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	895134	19.821	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1004912	21.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	157817	19.831	ng/u1	0.00
60) Fluorene-d10	15.704	176	754727	19.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	178365	18.684	ng/u1	0.00
73) Anthracene-d10	17.563	188	1248500	20.362	ng/u1	0.00
81) Pyrene-d10	19.786	212	1511713	21.270	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1373221	20.710	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	41079	8.112	ng/uL#	86
5) Pyridine	3.881	79	287936	21.862	ng/u1	94
6) Benzaldehyde	7.204	77	201453m	25.888	ng/u1	
8) Phenol	7.252	94	350110	21.708	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.487	93	274987	22.255	ng/u1	97
12) 2-Chlorophenol	7.634	128	260958	21.737	ng/u1	95
13) 2-Methylphenol	8.516	108	262509	21.889	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.604	45	325898	24.423	ng/u1	98
16) Acetophenone	8.904	105	456615	22.125	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.887	70	237528	22.498	ng/u1	97
18) 4-Methylphenol	8.846	108	289527	21.948	ng/u1	100
19) Hexachloroethane	9.157	117	111600	21.225	ng/u1	94
22) Nitrobenzene	9.287	77	345805	21.941	ng/u1	99
23) Isophorone	9.816	82	607298	20.009	ng/u1	98
25) 2-Nitrophenol	10.004	139	152948	21.042	ng/u1	96
26) 2,4-Dimethylphenol	10.057	107	326301	20.509	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.298	93	349942	19.933	ng/u1	100
29) 2,4-Dichlorophenol	10.540	162	258595	19.755	ng/u1	99
30) Naphthalene	10.945	128	825414	20.356	ng/u1	99
32) 4-Chloroaniline	11.057	127	361629	20.464	ng/u1	98
33) Hexachlorobutadiene	11.222	225	201871	19.380	ng/u1	99
34) Caprolactam	11.840	113	82908m	19.506	ng/u1	
35) 4-Chloro-3-methylphenol	12.169	107	315907	20.870	ng/u1	96
36) 2-Methylnaphthalene	12.545	142	597962	21.025	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	596849	20.879	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	380307	19.764	ng/ul	100
40) Hexachlorocyclopentadiene	12.887	237	233906	16.975	ng/ul	100
41) 2,4,6-Trichlorophenol	13.145	196	243347	20.131	ng/ul	100
42) 2,4,5-Trichlorophenol	13.222	196	274595	20.699	ng/ul	98
43) 1,1'-Biphenyl	13.545	154	843079	20.579	ng/ul	98
44) 2-Chloronaphthalene	13.592	162	669505	20.576	ng/ul	99
45) 2-Nitroaniline	13.798	65	220735	22.938	ng/ul	91
47) Dimethylphthalate	14.163	163	890344	19.918	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	184870	20.919	ng/ul	99
50) Acenaphthylene	14.434	152	1052185	20.958	ng/ul	99
51) 3-Nitroaniline	14.616	138	170472	21.786	ng/ul	93
52) Acenaphthene	14.775	153	729036	20.772	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	110907	16.805	ng/ul	94
55) 4-Nitrophenol	14.922	109	162086	18.855	ng/ul	91
56) Dibenzofuran	15.110	168	1030675	20.186	ng/ul	97
57) 2,4-Dinitrotoluene	15.075	165	268216	20.313	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.333	232	253110	19.943	ng/ul	97
59) Diethylphthalate	15.522	149	901602	19.886	ng/ul	99
61) Fluorene	15.757	166	854477	20.189	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	459181	19.656	ng/ul	99
63) 4-Nitroaniline	15.786	138	175262	21.790	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.833	198	171227	18.801	ng/ul	92
67) N-Nitrosodiphenylamine	15.963	169	732528	20.535	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	298026	19.518	ng/ul	98
69) Hexachlorobenzene	16.763	284	351686	19.546	ng/ul	96
70) Atrazine	16.916	200	302137	19.638	ng/ul	98
71) Pentachlorophenol	17.110	266	218504	18.578	ng/ul	98
72) Phenanthrene	17.510	178	1419615	20.607	ng/ul	100
74) Anthracene	17.598	178	1440652	20.625	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	398499	20.558	ng/ul	99
76) Pentachlorobenzene	15.028	250	401240	19.927	ng/ul	98
77) Carbazole	17.869	167	1279653	20.769	ng/ul	99
78) Di-n-butylphthalate	18.398	149	1558700	20.243	ng/ul	100
80) Fluoranthene	19.463	202	1773365	21.891	ng/ul	98
82) Pyrene	19.816	202	1836385	21.730	ng/ul	98
83) Butylbenzylphthalate	20.668	149	742733	21.797	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	652880	19.791	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1868919	20.619	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	1077735	21.155	ng/ul	99
87) Chrysene	21.580	228	1771466	20.507	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	1868275	23.753	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1796561	21.629	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1783286	22.515	ng/ul	99
93) Benzo(a)pyrene	23.962	252	1493682	20.675	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.745	276	1700227	17.777	ng/ul	97
95) Dibenzo(a,h)anthracene	26.756	278	1420197	17.866	ng/ul	98
96) Benzo(g,h,i)perylene	27.562	276	1342312	17.559	ng/ul	98

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

