

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014000.D
 Acq On : 09 Mar 2023 04:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020770

Quant Time: Mar 10 00:12:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2023
 Supervised By :Jagrut Upadhyay 03/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	131093	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	543334	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	360723	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	931520	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1118430	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	1256588	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	29546	8.516	ng/uL	0.00
4) Pyridine-d5	3.869	84	193155	20.106	ng/u1	0.00
7) Phenol-d5	7.228	99	236554	20.448	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	142426	21.110	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	182284	20.681	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	197140	20.862	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	93284	21.518	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	110762	21.344	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	206944	21.193	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	265749	20.565	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	615018	20.090	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	687216	21.191	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	111934	20.748	ng/u1	0.00
60) Fluorene-d10	15.710	176	555182	21.398	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	134007	19.034	ng/u1	0.00
73) Anthracene-d10	17.569	188	946324	20.927	ng/u1	0.00
81) Pyrene-d10	19.792	212	1265545	20.516	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	1413235	21.143	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	30270	8.081	ng/uL	91
5) Pyridine	3.887	79	192904	19.801	ng/u1	96
6) Benzaldehyde	7.210	77	141188m	24.528	ng/u1	
8) Phenol	7.258	94	247632	20.757	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.493	93	191987	21.005	ng/u1	99
12) 2-Chlorophenol	7.640	128	185595	20.900	ng/u1	99
13) 2-Methylphenol	8.522	108	184680	20.818	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.610	45	213986	21.679	ng/u1	98
16) Acetophenone	8.910	105	324237	21.240	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.893	70	168185	21.535	ng/u1	98
18) 4-Methylphenol	8.852	108	205366	21.047	ng/u1	95
19) Hexachloroethane	9.169	117	80620	20.729	ng/u1	97
22) Nitrobenzene	9.299	77	252421	21.766	ng/u1	99
23) Isophorone	9.822	82	476305	21.328	ng/u1	98
25) 2-Nitrophenol	10.010	139	114683	21.442	ng/u1	99
26) 2,4-Dimethylphenol	10.063	107	253282	21.635	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.304	93	268514	20.786	ng/u1	100
29) 2,4-Dichlorophenol	10.546	162	199916	20.755	ng/u1	97
30) Naphthalene	10.957	128	616124	20.650	ng/u1	99
32) 4-Chloroaniline	11.063	127	267381	20.563	ng/u1	99
33) Hexachlorobutadiene	11.234	225	154087	20.103	ng/u1	96
34) Caprolactam	11.846	113	63032m	20.154	ng/u1	
35) 4-Chloro-3-methylphenol	12.175	107	231870	20.818	ng/u1	97
36) 2-Methylnaphthalene	12.551	142	416359	19.896	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	417168	19.833	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.916	216	272337	20.878	ng/ul	100
40) Hexachlorocyclopentadiene	12.893	237	174194	18.649	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	170691	20.830	ng/ul	100
42) 2,4,5-Trichlorophenol	13.228	196	187599	20.861	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	584259	21.038	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	472619	21.427	ng/ul	98
45) 2-Nitroaniline	13.804	65	140322	21.510	ng/ul	98
47) Dimethylphthalate	14.169	163	631574	20.843	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	126659	21.142	ng/ul	97
50) Acenaphthylene	14.440	152	726217	21.338	ng/ul	100
51) 3-Nitroaniline	14.622	138	115079	21.695	ng/ul	99
52) Acenaphthene	14.781	153	494171	20.770	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	84050	18.787	ng/ul	97
55) 4-Nitrophenol	14.928	109	126168	21.651	ng/ul	95
56) Dibenzofuran	15.116	168	719175	20.777	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	187550	20.953	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.339	232	191945	22.310	ng/ul	100
59) Diethylphthalate	15.528	149	676077	21.997	ng/ul	100
61) Fluorene	15.763	166	626244	21.827	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	341005	21.533	ng/ul	99
63) 4-Nitroaniline	15.787	138	131135	24.051	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.845	198	133093	19.815	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	548939	20.865	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	234370	20.812	ng/ul	100
69) Hexachlorobenzene	16.775	284	283125	21.335	ng/ul	99
70) Atrazine	16.922	200	234152	20.635	ng/ul	100
71) Pentachlorophenol	17.116	266	174467	20.113	ng/ul	99
72) Phenanthrene	17.516	178	1057510	20.814	ng/ul	100
74) Anthracene	17.604	178	1095892	21.273	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.522	216	276118	19.314	ng/ul	99
76) Pentachlorobenzene	15.034	250	292276	19.681	ng/ul	98
77) Carbazole	17.875	167	968227	21.308	ng/ul	100
78) Di-n-butylphthalate	18.404	149	1191426	20.980	ng/ul	99
80) Fluoranthene	19.469	202	1433040	20.382	ng/ul	99
82) Pyrene	19.822	202	1519551	20.718	ng/ul	99
83) Butylbenzylphthalate	20.674	149	601887	20.352	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	597700	20.876	ng/ul	100
85) Benzo(a)anthracene	21.533	228	1646018	20.924	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	896758	20.282	ng/ul	100
87) Chrysene	21.586	228	1567423	20.907	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	1572945	19.838	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1799516	21.491	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1690150	21.168	ng/ul	100
93) Benzo(a)pyrene	23.974	252	1546820	21.239	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.756	276	1952597	20.253	ng/ul	100
95) Dibenzo(a,h)anthracene	26.774	278	1619660	20.213	ng/ul	99
96) Benzo(g,h,i)perylene	27.580	276	1532131	19.882	ng/ul	99

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

