

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
 Data File : BP014279.D
 Acq On : 24 Mar 2023 04:24
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020790

Quant Time: Mar 24 05:22:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 23 04:56:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/24/2023
 Supervised By : Jagrut Upadhyay 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	123461	20.000	ng/u1	0.00
20) Naphthalene-d8	10.851	136	573625	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.675	164	411372	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.433	188	1031619	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.521	240	1331088	20.000	ng/u1	# 0.00
88) Perylene-d12	24.039	264	1751245	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	25249	7.727	ng/uL	0.00
4) Pyridine-d5	3.834	84	182480	20.169	ng/u1	0.00
7) Phenol-d5	7.187	99	237664	21.814	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.357	67	149032	23.455	ng/u1	0.00
11) 2-Chlorophenol-d4	7.557	132	174247	20.992	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	195739	21.994	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	89422	19.538	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	104844	19.136	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	194266	18.844	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	269046	19.721	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	662973	18.990	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	726429	19.642	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	125032	20.323	ng/u1	0.00
60) Fluorene-d10	15.669	176	572659	19.354	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	140392	18.006	ng/u1	-0.01
73) Anthracene-d10	17.533	188	979081	19.550	ng/u1	0.00
81) Pyrene-d10	19.763	212	1320826	17.992	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1830747	19.653	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	28606	8.109	ng/uL	94
5) Pyridine	3.852	79	187395	20.424	ng/u1	91
6) Benzaldehyde	7.169	77	141166m	26.040	ng/u1	
8) Phenol	7.216	94	249707	22.224	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.452	93	194482	22.593	ng/u1	97
12) 2-Chlorophenol	7.593	128	181625	21.717	ng/u1	94
13) 2-Methylphenol	8.481	108	185786	22.237	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.563	45	247498	26.624	ng/u1	98
16) Acetophenone	8.863	105	319652	22.234	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.846	70	167915	22.830	ng/u1	96
18) 4-Methylphenol	8.810	108	207734	22.605	ng/u1	97
19) Hexachloroethane	9.116	117	76458	20.874	ng/u1	96
22) Nitrobenzene	9.252	77	254227	20.764	ng/u1	100
23) Isophorone	9.775	82	475664	20.174	ng/u1	97
25) 2-Nitrophenol	9.963	139	109131	19.327	ng/u1	95
26) 2,4-Dimethylphenol	10.022	107	249034	20.149	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.257	93	283570	20.793	ng/u1	100
29) 2,4-Dichlorophenol	10.499	162	192332	18.914	ng/u1	96
30) Naphthalene	10.904	128	637397	20.235	ng/u1	100
32) 4-Chloroaniline	11.022	127	275314	20.055	ng/u1	97
33) Hexachlorobutadiene	11.181	225	139688	17.262	ng/u1	100
34) Caprolactam	11.822	113	66854	20.247	ng/u1	96
35) 4-Chloro-3-methylphenol	12.140	107	246493	20.962	ng/u1	95
36) 2-Methylnaphthalene	12.510	142	441309	19.974	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	442453	19.924	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	268080	18.021	ng/ul	99
40) Hexachlorocyclopentadiene	12.845	237	131661	12.360	ng/ul	94
41) 2,4,6-Trichlorophenol	13.116	196	173828	18.601	ng/ul	97
42) 2,4,5-Trichlorophenol	13.192	196	191328	18.656	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	627163	19.802	ng/ul	97
44) 2-Chloronaphthalene	13.557	162	495891	19.714	ng/ul	99
45) 2-Nitroaniline	13.769	65	164622	22.128	ng/ul	94
47) Dimethylphthalate	14.128	163	665310	19.253	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	132073	19.331	ng/ul	97
50) Acenaphthylene	14.398	152	788097	20.305	ng/ul	100
51) 3-Nitroaniline	14.592	138	129713	21.443	ng/ul	96
52) Acenaphthene	14.739	153	548790	20.226	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	79331	15.549	ng/ul	92
55) 4-Nitrophenol	14.898	109	116333	17.505	ng/ul#	79
56) Dibenzofuran	15.075	168	783749	19.855	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	208448	20.421	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.304	232	184739	18.829	ng/ul	97
59) Diethylphthalate	15.486	149	680756	19.423	ng/ul	99
61) Fluorene	15.728	166	660072	20.173	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.716	204	340890	18.876	ng/ul	98
63) 4-Nitroaniline	15.757	138	147833	23.775	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.810	198	135842	18.262	ng/ul#	94
67) N-Nitrosodiphenylamine	15.934	169	566179	19.432	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	222951	17.877	ng/ul	98
69) Hexachlorobenzene	16.733	284	262677	17.874	ng/ul	96
70) Atrazine	16.886	200	233489	18.580	ng/ul	97
71) Pentachlorophenol	17.086	266	163477	17.018	ng/ul	99
72) Phenanthrene	17.480	178	1125386	20.001	ng/ul	99
74) Anthracene	17.569	178	1146646	20.098	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	277726	17.542	ng/uL	97
76) Pentachlorobenzene	14.992	250	288567	17.546	ng/uL	99
77) Carbazole	17.839	167	1068337	21.230	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1249095	19.861	ng/ul	99
80) Fluoranthene	19.433	202	1489995	17.806	ng/ul#	93
82) Pyrene	19.792	202	1606235	18.401	ng/ul#	95
83) Butylbenzylphthalate	20.645	149	670419	19.048	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.427	252	678440	19.910	ng/ul#	99
85) Benzo(a)anthracene	21.504	228	1858672	19.853	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1011698	19.226	ng/ul	99
87) Chrysene	21.557	228	1790348	20.065	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1844263	16.690	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	2176544m	18.652	ng/ul	
91) Benzo(k)fluoranthene	23.315	252	2168338	19.487	ng/ul	99
93) Benzo(a)pyrene	23.927	252	2013160	19.834	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	2869634	21.357	ng/ul	97
95) Dibenzo(a,h)anthracene	26.698	278	2382631	21.335	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	2314965	21.555	ng/ul	98

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

