

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
 Data File : BP014873.D
 Acq On : 28 Apr 2023 13:22
 Operator : CG/JU
 Sample : SSTD01060
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010647

Quant Time: Apr 29 00:23:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 17:04:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.175	152	216716	20.000	ng/u1	0.00
20) Naphthalene-d8	11.016	136	846486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.822	164	481876	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	963245	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	868386	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	954692	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	23899	3.974	ng/uL	0.00
4) Pyridine-d5	3.911	84	131749	9.115	ng/u1	0.00
7) Phenol-d5	7.316	99	145345	8.569	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.493	67	103116	9.693	ng/u1	0.00
11) 2-Chlorophenol-d4	7.699	132	121528	9.463	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	111151	8.600	ng/u1	0.00
21) Nitrobenzene-d5	9.352	128	54991	9.048	ng/u1	0.00
24) 2-Nitrophenol-d4	10.081	143	47188	8.458	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	107293	8.893	ng/u1	0.00
31) 4-Chloroaniline-d4	11.146	131	149859	8.650	ng/u1	0.00
46) Dimethylphthalate-d6	14.222	166	337137	9.762	ng/u1	0.00
49) Acenaphthylene-d8	14.516	160	398885	9.670	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	24411m	4.733	ng/u1	0.00
60) Fluorene-d10	15.810	176	297326	9.877	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	16698m	4.114	ng/u1	0.00
73) Anthracene-d10	17.675	188	435586	9.902	ng/u1	0.00
81) Pyrene-d10	19.892	212	469384	9.732	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.092	264	458961	9.733	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	25139	3.926	ng/uL	97
5) Pyridine	3.928	79	140565	9.272	ng/u1	96
6) Benzaldehyde	7.305	77	38847m	8.166	ng/u1	
8) Phenol	7.340	94	150836	8.575	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.587	93	141168	9.365	ng/u1	99
12) 2-Chlorophenol	7.734	128	130041	9.436	ng/u1	98
13) 2-Methylphenol	8.616	108	121370	8.906	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.710	45	191209	10.083	ng/u1	99
16) Acetophenone	9.010	105	196344	9.353	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.987	70	95984	9.631	ng/u1	97
18) 4-Methylphenol	8.946	108	124728	8.673	ng/u1	94
19) Hexachloroethane	9.275	117	64142	9.880	ng/u1	91
22) Nitrobenzene	9.393	77	147349	9.557	ng/u1	99
23) Isophorone	9.922	82	256335	9.229	ng/u1	98
25) 2-Nitrophenol	10.116	139	52524m	8.494	ng/u1	
26) 2,4-Dimethylphenol	10.169	107	142007	9.496	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.404	93	184448	9.630	ng/u1	99
29) 2,4-Dichlorophenol	10.651	162	111802	9.269	ng/u1	98
30) Naphthalene	11.063	128	458416	9.849	ng/u1	100
32) 4-Chloroaniline	11.169	127	161744	8.948	ng/u1	94
33) Hexachlorobutadiene	11.351	225	91920	9.999	ng/u1	96
34) Caprolactam	11.928	113	17645m	5.821	ng/u1	
35) 4-Chloro-3-methylphenol	12.281	107	111320	9.067	ng/u1	99
36) 2-Methylnaphthalene	12.663	142	287288	9.781	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.881	142	288807	9.794	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.022	216	160370	9.959	ng/ul	98
40) Hexachlorocyclopentadiene	13.004	237	83578	8.268	ng/ul	98
41) 2,4,6-Trichlorophenol	13.257	196	70694	8.640	ng/ul	99
42) 2,4,5-Trichlorophenol	13.328	196	79258	8.330	ng/ul	97
43) 1,1'-Biphenyl	13.657	154	387629	10.026	ng/ul	98
44) 2-Chloronaphthalene	13.704	162	304834	10.011	ng/ul	99
45) 2-Nitroaniline	13.904	65	55766	8.383	ng/ul	98
47) Dimethylphthalate	14.269	163	349191	9.781	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	55438	8.620	ng/ul	90
50) Acenaphthylene	14.545	152	454247	9.851	ng/ul	99
51) 3-Nitroaniline	14.722	138	32599m	6.218	ng/ul	
52) Acenaphthene	14.887	153	316942	9.972	ng/ul	100
53) 2,4-Dinitrophenol	14.934	184	4982m	2.100	ng/ul	
55) 4-Nitrophenol	15.016	109	20095	5.171	ng/ul	96
56) Dibenzofuran	15.216	168	435040	9.930	ng/ul	98
57) 2,4-Dinitrotoluene	15.175	165	72299	8.156	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.439	232	62185	8.259	ng/ul	96
59) Diethylphthalate	15.628	149	336694	9.671	ng/ul	98
61) Fluorene	15.869	166	354034	10.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.857	204	178256	10.070	ng/ul	99
63) 4-Nitroaniline	15.875	138	25582m	6.243	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.939	198	17313	4.102	ng/ul#	97
67) N-Nitrosodiphenylamine	16.069	169	283646	9.981	ng/ul	98
68) 4-Bromophenyl-phenylether	16.757	248	103964	9.920	ng/ul	98
69) Hexachlorobenzene	16.875	284	123108	9.965	ng/ul	98
70) Atrazine	17.022	200	91786	8.921	ng/ul	98
71) Pentachlorophenol	17.222	266	29445m	5.379	ng/ul	
72) Phenanthrene	17.622	178	529874	10.002	ng/ul	99
74) Anthracene	17.710	178	535395	10.089	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.628	216	161958	10.208	ng/uL	98
76) Pentachlorobenzene	15.139	250	156969	10.307	ng/uL	98
77) Carbazole	17.975	167	422908	9.343	ng/ul	100
78) Di-n-butylphthalate	18.510	149	532083	9.475	ng/ul	100
80) Fluoranthene	19.569	202	573030	9.819	ng/ul	99
82) Pyrene	19.922	202	623925	10.060	ng/ul	99
83) Butylbenzylphthalate	20.780	149	216079	9.258	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.569	252	156310	8.293	ng/ul	97
85) Benzo(a)anthracene	21.645	228	570265	9.791	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	329731	9.319	ng/ul	99
87) Chrysene	21.698	228	584938	10.090	ng/ul	100
89) Di-n-octyl phthalate	22.539	149	567722	9.169	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	563538	9.486	ng/ul	98
91) Benzo(k)fluoranthene	23.515	252	620151	10.062	ng/ul	99
93) Benzo(a)pyrene	24.151	252	526490	9.745	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.033	276	698379	9.734	ng/ul	98
95) Dibenzo(a,h)anthracene	27.057	278	585220	9.862	ng/ul	99
96) Benzo(g,h,i)perylene	27.886	276	577272	9.749	ng/ul	99

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

