

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
 Data File : BP014607.D
 Acq On : 07 Apr 2023 02:52
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020665

Quant Time: Apr 07 04:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 07 00:45:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/07/2023
 Supervised By : Jagrut Upadhyay 04/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	178001	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	787059	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	520617	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1065209	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	771755	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	801029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	36802	8.018	ng/uL	0.00
4) Pyridine-d5	3.793	84	252485	21.465	ng/u1	0.00
7) Phenol-d5	7.145	99	320228	19.507	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	224991	21.361	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	244137	20.576	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	265596	20.057	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	124206	19.548	ng/u1	0.00
24) 2-Nitrophenol-d4	9.881	143	148662	20.433	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	261220	19.714	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	342221	19.608	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	823891	19.518	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	929544	19.845	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	111104	17.422	ng/u1	0.00
60) Fluorene-d10	15.627	176	683244	19.409	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	149538	19.079	ng/u1	0.00
73) Anthracene-d10	17.498	188	1016187	19.712	ng/u1	0.00
81) Pyrene-d10	19.721	212	1069540	20.632	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	856353	20.122	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	40938	8.116	ng/uL	95
5) Pyridine	3.816	79	260026	21.124	ng/u1	99
6) Benzaldehyde	7.122	77	211067	25.867	ng/u1	98
8) Phenol	7.175	94	338138	19.856	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.404	93	277570	20.283	ng/u1	98
12) 2-Chlorophenol	7.545	128	248980	20.161	ng/u1	95
13) 2-Methylphenol	8.434	108	253634	19.971	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.510	45	410069	22.822	ng/u1	99
16) Acetophenone	8.816	105	453534	20.742	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.798	70	259869	21.999	ng/u1	94
18) 4-Methylphenol	8.763	108	278812	19.990	ng/u1	95
19) Hexachloroethane	9.057	117	116770	21.641	ng/u1	93
22) Nitrobenzene	9.198	77	373016	20.436	ng/u1	97
23) Isophorone	9.728	82	698264	20.753	ng/u1	98
25) 2-Nitrophenol	9.916	139	150906	19.651	ng/u1	92
26) 2,4-Dimethylphenol	9.975	107	344964	20.070	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.210	93	406374	20.145	ng/u1	99
29) 2,4-Dichlorophenol	10.451	162	257885	19.777	ng/u1	95
30) Naphthalene	10.851	128	864053	19.709	ng/u1	99
32) 4-Chloroaniline	10.975	127	346932	19.626	ng/u1	100
33) Hexachlorobutadiene	11.122	225	199839	19.344	ng/u1	99
34) Caprolactam	11.769	113	78900m	20.481	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	319431	19.916	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	583809	19.650	ng/u1	99

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37) 1-Methylnaphthalene	12.675	142	588181	19.961	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.822	216	353983	19.070	ng/ul	97
40) Hexachlorocyclopentadiene	12.792	237	209329	17.414	ng/ul	98
41) 2,4,6-Trichlorophenol	13.075	196	219173	19.081	ng/ul	98
42) 2,4,5-Trichlorophenol	13.151	196	232986	19.053	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	808006	19.210	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	639987	19.244	ng/ul	99
45) 2-Nitroaniline	13.727	65	218852	21.249	ng/ul	99
47) Dimethylphthalate	14.086	163	824421	19.533	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	168726	20.462	ng/ul	98
50) Acenaphthylene	14.357	152	992336	19.893	ng/ul	99
51) 3-Nitroaniline	14.557	138	143858	19.473	ng/ul	98
52) Acenaphthene	14.698	153	691970	19.630	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	145164	27.185	ng/ul	91
55) 4-Nitrophenol	14.869	109	113595	18.049	ng/ul	94
56) Dibenzofuran	15.033	168	954388	19.260	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	240615	20.571	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	212891	19.371	ng/ul	98
59) Diethylphthalate	15.451	149	837589	19.970	ng/ul	99
61) Fluorene	15.686	166	788616	19.634	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	411743	19.081	ng/ul	99
63) 4-Nitroaniline	15.727	138	118873	19.805	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.774	198	144063	18.966	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	657801	19.848	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	257439	19.422	ng/ul	99
69) Hexachlorobenzene	16.692	284	293523	19.279	ng/ul	99
70) Atrazine	16.851	200	250284	20.745	ng/ul	99
71) Pentachlorophenol	17.045	266	197374	22.377	ng/ul	98
72) Phenanthrene	17.439	178	1174384	19.817	ng/ul	99
74) Anthracene	17.533	178	1187220	19.877	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	362870	19.353	ng/ul	98
76) Pentachlorobenzene	14.951	250	358792	19.177	ng/ul	98
77) Carbazole	17.804	167	984313	19.693	ng/ul	99
78) Di-n-butylphthalate	18.333	149	1324790	21.079	ng/ul	100
80) Fluoranthene	19.398	202	1277999	20.851	ng/ul	99
82) Pyrene	19.751	202	1300925	20.330	ng/ul	97
83) Butylbenzylphthalate	20.609	149	511653	23.213	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	337923	19.798	ng/ul	99
85) Benzo(a)anthracene	21.468	228	1081670	19.779	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	692375	22.971	ng/ul	99
87) Chrysene	21.521	228	1057626	20.481	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	1093467	21.035	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1046856	19.351	ng/ul	98
91) Benzo(k)fluoranthene	23.262	252	1050796	19.999	ng/ul	100
93) Benzo(a)pyrene	23.874	252	925528	19.875	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.603	276	1263699	19.725	ng/ul	99
95) Dibenzo(a,h)anthracene	26.615	278	1041008	19.408	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	1031960	19.761	ng/ul	100

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

