

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
 Data File : BP015041.D
 Acq On : 10 May 2023 14:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020706

Quant Time: May 10 22:23:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 15:17:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	273928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1102299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.792	164	728741	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	1757856	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	1559831	20.000	ng/u1	0.00
88) Perylene-d12	24.204	264	1587689	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	52836	7.172	ng/uL	0.00
4) Pyridine-d5	3.887	84	373121	18.529	ng/u1	0.00
7) Phenol-d5	7.293	99	469563	19.772	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	283781	19.332	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	351330	20.119	ng/u1	0.00
15) 4-Methylphenol-d8	8.857	113	376806	20.589	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	179591	22.908	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	192675	23.934	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	336570	21.293	ng/u1	0.00
31) 4-Chloroaniline-d4	11.116	131	512187	22.403	ng/u1	0.00
46) Dimethylphthalate-d6	14.192	166	1086004	21.056	ng/u1	0.00
49) Acenaphthylene-d8	14.486	160	1235930	19.981	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	205255	22.876	ng/u1	0.00
60) Fluorene-d10	15.781	176	929106	20.938	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	182758	18.469	ng/u1	0.00
73) Anthracene-d10	17.645	188	1570781	19.888	ng/u1	0.00
81) Pyrene-d10	19.863	212	1775578	16.878	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1487041	19.223	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	57667	7.225	ng/uL	98
5) Pyridine	3.911	79	386247	18.425	ng/u1	98
6) Benzaldehyde	7.275	77	125706	19.360	ng/u1	99
8) Phenol	7.322	94	489835	19.645	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.563	93	402149	19.405	ng/u1	100
12) 2-Chlorophenol	7.704	128	376383	19.896	ng/u1	99
13) 2-Methylphenol	8.593	108	374675	20.153	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.687	45	514104	19.557	ng/u1	99
16) Acetophenone	8.981	105	636253	21.262	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.963	70	322546	21.149	ng/u1	99
18) 4-Methylphenol	8.922	108	416185	20.250	ng/u1	99
19) Hexachloroethane	9.246	117	153796	18.738	ng/u1	99
22) Nitrobenzene	9.369	77	458566	22.262	ng/u1	97
23) Isophorone	9.898	82	930079	22.846	ng/u1	100
25) 2-Nitrophenol	10.087	139	214428	23.161	ng/u1	96
26) 2,4-Dimethylphenol	10.140	107	434898	21.645	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.381	93	548747	21.085	ng/u1	100
29) 2,4-Dichlorophenol	10.622	162	340001	20.796	ng/u1	98
30) Naphthalene	11.034	128	1156628	19.089	ng/u1	100
32) 4-Chloroaniline	11.140	127	530201	22.223	ng/u1	99
33) Hexachlorobutadiene	11.310	225	204731	19.407	ng/u1	100
34) Caprolactam	11.910	113	122186m	24.259	ng/u1	
35) 4-Chloro-3-methylphenol	12.245	107	389871	23.197	ng/u1	99
36) 2-Methylnaphthalene	12.628	142	798892	21.321	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.845	142	803178	20.795	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.992	216	424247	18.664	ng/ul	98
40) Hexachlorocyclopentadiene	12.969	237	248833	16.234	ng/ul	97
41) 2,4,6-Trichlorophenol	13.228	196	291501	20.811	ng/ul	99
42) 2,4,5-Trichlorophenol	13.298	196	319005	21.131	ng/ul	97
43) 1,1'-Biphenyl	13.628	154	1108437	19.025	ng/ul	99
44) 2-Chloronaphthalene	13.669	162	858811	18.924	ng/ul	99
45) 2-Nitroaniline	13.869	65	243283	23.020	ng/ul	97
47) Dimethylphthalate	14.239	163	1126870	20.779	ng/ul	100
48) 2,6-Dinitrotoluene	14.363	165	226498	23.634	ng/ul	93
50) Acenaphthylene	14.516	152	1381275	19.697	ng/ul	100
51) 3-Nitroaniline	14.692	138	177740	20.498	ng/ul	98
52) Acenaphthene	14.851	153	953262	19.643	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	117646	20.170	ng/ul	95
55) 4-Nitrophenol	14.992	109	153525	22.479	ng/ul	95
56) Dibenzofuran	15.186	168	1327980	20.280	ng/ul	99
57) 2,4-Dinitrotoluene	15.145	165	330637	24.632	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.410	232	278219	22.645	ng/ul	95
59) Diethylphthalate	15.598	149	1142038	22.286	ng/ul	98
61) Fluorene	15.839	166	1087851	21.060	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.828	204	530516	20.987	ng/ul	97
63) 4-Nitroaniline	15.851	138	157421	21.751	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.910	198	194833	18.562	ng/ul	98
67) N-Nitrosodiphenylamine	16.039	169	944286	17.699	ng/ul	100
68) 4-Bromophenyl-phenylether	16.722	248	344797	18.855	ng/ul	99
69) Hexachlorobenzene	16.845	284	402486	18.685	ng/ul	96
70) Atrazine	16.992	200	368148	20.506	ng/ul	98
71) Pentachlorophenol	17.186	266	235832	18.755	ng/ul	98
72) Phenanthrene	17.586	178	1885972	19.420	ng/ul	100
74) Anthracene	17.675	178	1935113	20.014	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.592	216	434966	14.948	ng/ul	97
76) Pentachlorobenzene	15.104	250	449186	16.225	ng/ul	99
77) Carbazole	17.939	167	1730451	21.279	ng/ul	99
78) Di-n-butylphthalate	18.474	149	2120387	23.317	ng/ul	100
80) Fluoranthene	19.539	202	2171035	16.818	ng/ul	97
82) Pyrene	19.892	202	2291341	16.753	ng/ul	96
83) Butylbenzylphthalate	20.745	149	944296	22.996	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.527	252	599245	22.825	ng/ul	98
85) Benzo(a)anthracene	21.604	228	2078337	19.962	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	1343348	26.000	ng/ul	99
87) Chrysene	21.663	228	2019471	19.264	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	2224620	23.997	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	2022496	19.711	ng/ul	99
91) Benzo(k)fluoranthene	23.457	252	1946994	18.644	ng/ul	99
93) Benzo(a)pyrene	24.086	252	1718162	19.093	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.933	276	1927279	17.558	ng/ul	99
95) Dibenzo(a,h)anthracene	26.951	278	1597420	17.755	ng/ul	99
96) Benzo(g,h,i)perylene	27.780	276	1534646	16.427	ng/ul	98

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

