

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014009.D
 Acq On : 09 Mar 2023 14:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020771

Quant Time: Mar 10 00:18:37 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	129788	20.000	ng/u1	0.00
20) Naphthalene-d8	10.905	136	540004	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	377026	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	893211	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	982081	20.000	ng/u1	0.00
88) Perylene-d12	24.092	264	1044907	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	28892	8.411	ng/uL	0.00
4) Pyridine-d5	3.870	84	197478	20.763	ng/u1	0.00
7) Phenol-d5	7.228	99	248193	21.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	146987	22.005	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	188840	21.641	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	205467	21.962	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	91840	21.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	108580	21.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	201985	20.813	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	262273	20.422	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	640187	20.008	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	707981	20.887	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	111230	19.726	ng/u1	0.00
60) Fluorene-d10	15.710	176	543434	20.040	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	129749	19.219	ng/u1	0.00
73) Anthracene-d10	17.569	188	894668	20.633	ng/u1	0.00
81) Pyrene-d10	19.792	212	1138216	21.014	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.922	264	1159283	20.857	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	29749	8.022	ng/uL	91
5) Pyridine	3.887	79	202081	20.951	ng/u1	96
6) Benzaldehyde	7.211	77	146475m	25.702	ng/u1	
8) Phenol	7.258	94	255451	21.627	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.493	93	198662	21.954	ng/u1	99
12) 2-Chlorophenol	7.640	128	190931	21.717	ng/u1	98
13) 2-Methylphenol	8.522	108	193607	22.044	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.611	45	223198	22.840	ng/u1	98
16) Acetophenone	8.911	105	334815	22.153	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.893	70	173731	22.469	ng/u1	97
18) 4-Methylphenol	8.852	108	215799	22.338	ng/u1	99
19) Hexachloroethane	9.169	117	79840	20.734	ng/u1	94
22) Nitrobenzene	9.293	77	248481	21.559	ng/u1	98
23) Isophorone	9.822	82	466671	21.025	ng/u1	98
25) 2-Nitrophenol	10.011	139	112622	21.187	ng/u1	99
26) 2,4-Dimethylphenol	10.063	107	256901	22.080	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.305	93	272932	21.259	ng/u1	100
29) 2,4-Dichlorophenol	10.546	162	199871	20.879	ng/u1	98
30) Naphthalene	10.952	128	612749	20.664	ng/u1	99
32) 4-Chloroaniline	11.063	127	264641	20.478	ng/u1	98
33) Hexachlorobutadiene	11.234	225	152627	20.036	ng/u1	99
34) Caprolactam	11.846	113	63532	20.439	ng/u1	97
35) 4-Chloro-3-methylphenol	12.175	107	234039	21.142	ng/u1	99
36) 2-Methylnaphthalene	12.552	142	423048	20.340	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	426786	20.415	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.916	216	280205	20.552	ng/ul	98
40) Hexachlorocyclopentadiene	12.893	237	171614	17.578	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	181712	21.217	ng/ul	95
42) 2,4,5-Trichlorophenol	13.228	196	198063	21.072	ng/ul	99
43) 1,1'-Biphenyl	13.552	154	602139	20.744	ng/ul	99
44) 2-Chloronaphthalene	13.599	162	483837	20.987	ng/ul	98
45) 2-Nitroaniline	13.804	65	150770	22.112	ng/ul	98
47) Dimethylphthalate	14.169	163	636790	20.106	ng/ul	100
48) 2,6-Dinitrotoluene	14.293	165	129401	20.666	ng/ul	98
50) Acenaphthylene	14.440	152	734328	20.643	ng/ul	100
51) 3-Nitroaniline	14.622	138	122156	22.033	ng/ul	99
52) Acenaphthene	14.781	153	514153	20.675	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	79096	16.915	ng/ul	95
55) 4-Nitrophenol	14.928	109	123580	20.290	ng/ul	99
56) Dibenzofuran	15.116	168	736357	20.354	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	189999	20.309	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.340	232	188333	20.944	ng/ul	99
59) Diethylphthalate	15.528	149	637455	19.844	ng/ul	100
61) Fluorene	15.763	166	611094	20.378	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	331586	20.033	ng/ul	98
63) 4-Nitroaniline	15.787	138	125449	22.013	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.840	198	123206	19.129	ng/ul	97
67) N-Nitrosodiphenylamine	15.969	169	524032	20.773	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	221076	20.474	ng/ul	98
69) Hexachlorobenzene	16.769	284	260003	20.433	ng/ul	95
70) Atrazine	16.922	200	221222	20.332	ng/ul	98
71) Pentachlorophenol	17.116	266	165062	19.845	ng/ul	98
72) Phenanthrene	17.516	178	1011021	20.753	ng/ul	100
74) Anthracene	17.610	178	1022542	20.700	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	287255	20.955	ng/ul	99
76) Pentachlorobenzene	15.034	250	294657	20.693	ng/ul	99
77) Carbazole	17.875	167	912955	20.953	ng/ul	99
78) Di-n-butylphthalate	18.404	149	1117520	20.522	ng/ul	99
80) Fluoranthene	19.469	202	1301708	21.084	ng/ul	99
82) Pyrene	19.822	202	1351547	20.986	ng/ul	100
83) Butylbenzylphthalate	20.675	149	538590	20.740	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.457	252	499806	19.880	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1419983	20.557	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.428	149	799169	20.584	ng/ul	99
87) Chrysene	21.592	228	1359517	20.652	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	1369462	20.771	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1484141	21.316	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	1422091	21.419	ng/ul	99
93) Benzo(a)pyrene	23.980	252	1260763	20.818	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.763	276	1475879	18.409	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	1233012	18.505	ng/ul	98
96) Benzo(g,h,i)perylene	27.580	276	1134637	17.707	ng/ul	99

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

