

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015271.D
 Acq On : 24 May 2023 12:34
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020730

Quant Time: May 25 02:34:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	245521	20.000	ng/u1	0.00
20) Naphthalene-d8	10.952	136	1088851	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	685153	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1468264	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1058886	20.000	ng/u1	0.01
88) Perylene-d12	24.157	264	1106955	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	48285	7.641	ng/uL	0.00
4) Pyridine-d5	3.864	84	326587	18.233	ng/u1	0.00
7) Phenol-d5	7.263	99	425301	18.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	256327	19.469	ng/u1	0.00
11) 2-Chlorophenol-d4	7.640	132	319427	19.058	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	341722	18.812	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	164749	19.255	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	189897	19.947	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	351394	20.455	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	472551	18.591	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1014596	19.597	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1163281	19.645	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	162866	16.200	ng/u1	0.00
60) Fluorene-d10	15.757	176	869252	19.897	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	150749	16.292	ng/u1	0.00
73) Anthracene-d10	17.616	188	1286285	19.132	ng/u1	0.00
81) Pyrene-d10	19.833	212	1352743	22.027	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1050939	19.125	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	52030	7.663	ng/uL	95
5) Pyridine	3.881	79	343241	18.425	ng/u1	93
6) Benzaldehyde	7.246	77	151432	24.168	ng/u1	97
8) Phenol	7.293	94	445854	19.073	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.534	93	349294	18.677	ng/u1	97
12) 2-Chlorophenol	7.675	128	340098	19.184	ng/u1	97
13) 2-Methylphenol	8.563	108	335875	18.591	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	461579	19.699	ng/u1	100
16) Acetophenone	8.952	105	548799	19.358	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.934	70	282775	19.018	ng/u1	95
18) 4-Methylphenol	8.893	108	370951	18.655	ng/u1	99
19) Hexachloroethane	9.210	117	134815	18.624	ng/u1	90
22) Nitrobenzene	9.340	77	434515	20.562	ng/u1	97
23) Isophorone	9.869	82	794564	18.293	ng/u1	99
25) 2-Nitrophenol	10.057	139	206815	19.810	ng/u1	91
26) 2,4-Dimethylphenol	10.110	107	416869	20.010	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.352	93	497569	18.827	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	354432	20.425	ng/u1	98
30) Naphthalene	10.999	128	1128553	19.064	ng/u1	99
32) 4-Chloroaniline	11.110	127	491259	18.805	ng/u1	99
33) Hexachlorobutadiene	11.281	225	222907	21.314	ng/u1	97
34) Caprolactam	11.887	113	107354	16.409	ng/u1	90
35) 4-Chloro-3-methylphenol	12.222	107	391599	19.986	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	773067	19.382	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	775080	19.351	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	434998	21.228	ng/ul	100
40) Hexachlorocyclopentadiene	12.940	237	211932	15.963	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	293077	20.255	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	321260	20.477	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1057791	19.899	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	837311	20.169	ng/ul	98
45) 2-Nitroaniline	13.845	65	248030	20.881	ng/ul	91
47) Dimethylphthalate	14.210	163	1055692	19.579	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	220505	20.642	ng/ul	100
50) Acenaphthylene	14.487	152	1285592	19.458	ng/ul	100
51) 3-Nitroaniline	14.669	138	173438	18.031	ng/ul	98
52) Acenaphthene	14.828	153	875654	19.405	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	113669	16.026	ng/ul	90
55) 4-Nitrophenol	14.969	109	143922	19.464	ng/ul	86
56) Dibenzofuran	15.157	168	1248986	19.899	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	310136	20.064	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.387	232	263390	19.892	ng/ul	98
59) Diethylphthalate	15.569	149	1062154	19.751	ng/ul	100
61) Fluorene	15.810	166	992265	19.672	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	504705	20.479	ng/ul	97
63) 4-Nitroaniline	15.834	138	137046m	16.499	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.887	198	157692	16.513	ng/ul	99
67) N-Nitrosodiphenylamine	16.016	169	845374	19.581	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	320103	21.166	ng/ul	99
69) Hexachlorobenzene	16.816	284	366592	20.512	ng/ul	98
70) Atrazine	16.963	200	318754	19.975	ng/ul	99
71) Pentachlorophenol	17.163	266	193714	17.328	ng/ul	99
72) Phenanthrene	17.563	178	1546280	19.340	ng/ul	99
74) Anthracene	17.651	178	1546229	19.125	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	440531	21.161	ng/uL	100
76) Pentachlorobenzene	15.081	250	440204	21.060	ng/uL	100
77) Carbazole	17.916	167	1326452	18.710	ng/ul	99
78) Di-n-butylphthalate	18.451	149	1807679	19.800	ng/ul	99
80) Fluoranthene	19.510	202	1691186	22.593	ng/ul	98
82) Pyrene	19.863	202	1710657	22.130	ng/ul	98
83) Butylbenzylphthalate	20.716	149	731510	21.347	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.504	252	405776	17.448	ng/ul	97
85) Benzo(a)anthracene	21.580	228	1461717	19.964	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1077270	21.836	ng/ul	99
87) Chrysene	21.633	228	1345266	19.221	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	1633117	21.542	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	1389682	19.803	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	1331055	19.753	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1186621	19.131	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	1536155	19.127	ng/ul	97
95) Dibenzo(a,h)anthracene	26.886	278	1276112	19.356	ng/ul	97
96) Benzo(g,h,i)perylene	27.704	276	1251377	19.107	ng/ul	98

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

