

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
 Data File : BG050266.D
 Acq On : 25 Sep 2021 16:37
 Operator : CG/JU
 Sample : SST02037
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020435

Manual Integrations
 APPROVED

mohammad
 9/28/2021 1:39:03 PM

Quant Time: Sep 27 02:04:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 27 01:56:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.291	152	30761	20.000	ng/u1	0.00
20) Naphthalene-d8	11.123	136	120417	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.907	164	87828	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.651	188	211583	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.957	240	196098	20.000	ng/u1	0.00
88) Perylene-d12	25.400	264	204625	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	5131m	8.601	ng/uL	0.00
4) Pyridine-d5	4.096	84	39693	22.091	ng/u1	0.00
7) Phenol-d5	7.427	99	49992	19.139	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.609	67	29183	20.110	ng/u1	0.00
11) 2-Chlorophenol-d4	7.815	132	36896	18.878	ng/u1	0.00
15) 4-Methylphenol-d8	8.984	113	38729	18.826	ng/u1	0.00
21) Nitrobenzene-d5	9.466	128	14987	16.053	ng/u1	0.00
24) 2-Nitrophenol-d4	10.189	143	17426	15.676	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.723	165	38570	19.453	ng/u1	0.00
31) 4-Chloroaniline-d4	11.246	131	52923	19.611	ng/u1	0.00
46) Dimethylphthalate-d6	14.307	166	125535	18.676	ng/u1	0.00
49) Acenaphthylene-d8	14.607	160	154896	19.654	ng/u1	0.00
54) 4-Nitrophenol-d4	15.071	143	19977	20.542	ng/u1	0.00
60) Fluorene-d10	15.894	176	113860	19.979	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	16166	11.876	ng/u1	0.00
73) Anthracene-d10	17.750	188	188488	19.838	ng/u1	0.00
81) Pyrene-d10	20.018	212	218333	20.603	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.165	264	209729	19.319	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.702	88	6700m	9.213	ng/uL	
5) Pyridine	4.119	79	41292	21.263	ng/u1	92
6) Benzaldehyde	7.427	77	36623	24.364	ng/u1	94
8) Phenol	7.451	94	49892	18.910	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.703	93	38187	20.966	ng/u1	94
12) 2-Chlorophenol	7.850	128	38551	19.961	ng/u1#	85
13) 2-Methylphenol	8.720	108	39358	19.336	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.814	45	50759	26.577	ng/u1#	93
16) Acetophenone	9.119	105	60594	18.061	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.102	70	33858	20.099	ng/u1	98
18) 4-Methylphenol	9.049	108	40049	18.289	ng/u1	82
19) Hexachloroethane	9.390	117	16307	19.293	ng/u1	91
22) Nitrobenzene	9.507	77	44953	17.771	ng/u1	95
23) Isophorone	10.042	82	94159	20.891	ng/u1#	94
25) 2-Nitrophenol	10.224	139	17618	16.301	ng/u1#	77
26) 2,4-Dimethylphenol	10.259	107	47858	19.925	ng/u1	87
27) Bis(2-Chloroethoxy)met...	10.512	93	50565	21.726	ng/u1	98
29) 2,4-Dichlorophenol	10.753	162	38860	21.354	ng/u1	99
30) Naphthalene	11.170	128	129453	21.508	ng/u1	98
32) 4-Chloroaniline	11.270	127	53175	20.460	ng/u1	89
33) Hexachlorobutadiene	11.446	225	31907	21.673	ng/u1	95
34) Caprolactam	12.063	113	11300m	17.727	ng/u1	
35) 4-Chloro-3-methylphenol	12.363	107	43071	19.803	ng/u1	95
36) 2-Methylnaphthalene	12.756	142	90258	20.174	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
 Data File : BG050266.D
 Acq On : 25 Sep 2021 16:37
 Operator : CG/JU
 Sample : SST02037
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST020435

Manual Integrations
 APPROVED

mohammad
 9/28/2021 1:39:03 PM

Quant Time: Sep 27 02:04:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 27 01:56:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.974	142	90270	19.989	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.109	216	56261	21.810	ng/ul#	94
40) Hexachlorocyclopentadiene	13.091	237	39388	34.117	ng/ul	92
41) 2,4,6-Trichlorophenol	13.344	196	34167	20.784	ng/ul	93
42) 2,4,5-Trichlorophenol	13.414	196	36222	21.023	ng/ul	92
43) 1,1'-Biphenyl	13.743	154	124583	20.304	ng/ul#	98
44) 2-Chloronaphthalene	13.790	162	98853	20.057	ng/ul	98
45) 2-Nitroaniline	13.984	65	22611	13.512	ng/ul	91
47) Dimethylphthalate	14.354	163	124678	18.743	ng/ul	99
48) 2,6-Dinitrotoluene	14.472	165	19598	14.270	ng/ul#	94
50) Acenaphthylene	14.631	152	158815	22.048	ng/ul	97
51) 3-Nitroaniline	14.801	138	21519	16.238	ng/ul#	98
52) Acenaphthene	14.971	153	104774	20.052	ng/ul	97
53) 2,4-Dinitrophenol	15.001	184	10826	15.434	ng/ul#	67
55) 4-Nitrophenol	15.083	109	19958	16.187	ng/ul#	59
56) Dibenzofuran	15.300	168	155658	21.512	ng/ul	94
57) 2,4-Dinitrotoluene	15.253	165	27851	14.098	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.518	232	32306	22.627	ng/ul	90
59) Diethylphthalate	15.706	149	129551	19.037	ng/ul	98
61) Fluorene	15.953	166	122764	20.109	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.935	204	68319	21.151	ng/ul#	87
63) 4-Nitroaniline	15.958	138	23367m	17.669	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.011	198	16611	13.463	ng/ul	93
67) N-Nitrosodiphenylamine	16.146	169	111410	20.000	ng/ul	98
68) 4-Bromophenyl-phenylether	16.834	248	45020	19.234	ng/ul	90
69) Hexachlorobenzene	16.946	284	49120	18.174	ng/ul	94
70) Atrazine	17.092	200	49368	19.949	ng/ul	94
71) Pentachlorophenol	17.292	266	29557	25.826	ng/ul	96
72) Phenanthrene	17.692	178	218033	20.671	ng/ul	97
74) Anthracene	17.786	178	219340	20.520	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.714	216	61463	21.652	ng/ul	92
76) Pentachlorobenzene	15.218	250	58684	19.510	ng/ul	93
77) Carbazole	18.050	167	201532	21.188	ng/ul	97
78) Di-n-butylphthalate	18.597	149	226504	18.620	ng/ul	98
80) Fluoranthene	19.689	202	277789	21.243	ng/ul#	93
82) Pyrene	20.048	202	270764	20.896	ng/ul#	93
83) Butylbenzylphthalate	20.929	149	93037	18.194	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.846	252	92221	19.839	ng/ul	92
85) Benzo(a)anthracene	21.940	228	246799	20.198	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.828	149	128912	18.357	ng/ul	97
87) Chrysene	22.010	228	238959	20.688	ng/ul	96
89) Di-n-octyl phthalate	23.127	149	210450	17.337	ng/ul	100
90) Benzo(b)fluoranthene	24.302	252	239280	18.281	ng/ul#	98
91) Benzo(k)fluoranthene	24.372	252	227754	18.306	ng/ul	100
93) Benzo(a)pyrene	25.242	252	229934	20.228	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.355	276	260446	17.369	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.443	278	223718	17.822	ng/ul#	97
96) Benzo(g,h,i)perylene	30.606	276	224162	17.782	ng/ul	97

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

