

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013122\
 Data File : BG052220.D
 Acq On : 31 Jan 2022 18:03
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV406

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 02/01/2022

Supervised By :mohammad
 ahmed
 02/01/2022

Quant Time: Feb 01 01:43:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 18:07:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	32286	20.000	ng/u1	0.00
20) Naphthalene-d8	11.075	136	137235	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.875	164	95634	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.625	188	228678	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.942	240	215099	20.000	ng/u1	# 0.00
88) Perylene-d12	25.414	264	210708	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.561	96	6935	8.666	ng/uL	0.00
4) Pyridine-d5	3.990	84	50274	20.197	ng/u1	0.00
7) Phenol-d5	7.374	99	60596	20.634	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	37273	20.891	ng/u1	0.00
11) 2-Chlorophenol-d4	7.762	132	44226	21.611	ng/u1	0.00
15) 4-Methylphenol-d8	8.942	113	47183	21.172	ng/u1	0.00
21) Nitrobenzene-d5	9.401	128	22935	20.525	ng/u1	0.00
24) 2-Nitrophenol-d4	10.135	143	25141	20.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.687	165	48194	20.246	ng/u1	0.00
31) 4-Chloroaniline-d4	11.198	131	60632	20.081	ng/u1	0.00
46) Dimethylphthalate-d6	14.265	166	151814	20.196	ng/u1	0.00
49) Acenaphthylene-d8	14.576	160	191297	20.417	ng/u1	0.00
54) 4-Nitrophenol-d4	15.063	143	23073	20.266	ng/u1	0.00
60) Fluorene-d10	15.868	176	132710	20.151	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.974	200	27343	19.368	ng/u1	0.00
73) Anthracene-d10	17.725	188	214461	19.893	ng/u1	0.00
81) Pyrene-d10	20.004	212	261978	20.322	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.179	264	237052	21.177	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.597	88	7225	8.099	ng/uL	95
5) Pyridine	4.008	79	54097	20.752	ng/u1	95
6) Benzaldehyde	7.356	77	43404	26.070	ng/u1	93
8) Phenol	7.403	94	60124	20.428	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.632	93	47128	21.190	ng/u1	95
12) 2-Chlorophenol	7.797	128	44455	21.044	ng/u1	97
13) 2-Methylphenol	8.672	108	44944	20.291	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.760	45	66005	20.779	ng/u1	98
16) Acetophenone	9.060	105	74020	21.418	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.036	70	43499	20.983	ng/u1	98
18) 4-Methylphenol	9.001	108	47332	20.284	ng/u1	92
19) Hexachloroethane	9.342	117	18603	20.448	ng/u1#	72
22) Nitrobenzene	9.448	77	63488	20.370	ng/u1	99
23) Isophorone	9.970	82	113989	19.766	ng/u1	95
25) 2-Nitrophenol	10.170	139	27436	20.553	ng/u1	97
26) 2,4-Dimethylphenol	10.223	107	56785	20.631	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.458	93	64661	20.906	ng/u1	98
29) 2,4-Dichlorophenol	10.711	162	46251	20.100	ng/u1	94
30) Naphthalene	11.128	128	150653	20.077	ng/u1	96
32) 4-Chloroaniline	11.222	127	61352	19.708	ng/u1	99
33) Hexachlorobutadiene	11.410	225	38229	20.367	ng/u1	96
34) Caprolactam	11.962	113	15908m	21.316	ng/u1	
35) 4-Chloro-3-methylphenol	12.338	107	49279	19.855	ng/u1	91
36) 2-Methylnaphthalene	12.720	142	107003	20.321	ng/u1	98

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37) 1-Methylnaphthalene	12.937	142	110769	20.448	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.084	216	69117	20.079	ng/ul	98
40) Hexachlorocyclopentadiene	13.066	237	37124	18.891	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.319	196	41475	20.179	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.395	196	44577	20.136	ng/ul	95
43) 1,1'-Biphenyl	13.712	154	149226	19.904	ng/ul#	96
44) 2-Chloronaphthalene	13.759	162	114473	19.955	ng/ul	98
45) 2-Nitroaniline	13.947	65	39283	20.338	ng/ul	95
47) Dimethylphthalate	14.312	163	146189	20.064	ng/ul	100
48) 2,6-Dinitrotoluene	14.435	165	31667	20.146	ng/ul	95
50) Acenaphthylene	14.605	152	190576	20.293	ng/ul	96
51) 3-Nitroaniline	14.770	138	30795	22.894	ng/ul	97
52) Acenaphthene	14.940	153	120931	19.643	ng/ul	96
53) 2,4-Dinitrophenol	14.975	184	14374	17.610	ng/ul	93
55) 4-Nitrophenol	15.075	109	23280	19.509	ng/ul	95
56) Dibenzofuran	15.275	168	178966	20.077	ng/ul	99
57) 2,4-Dinitrotoluene	15.222	165	45612	20.242	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.498	232	38274	19.751	ng/ul	92
59) Diethylphthalate	15.674	149	150465	20.366	ng/ul	98
61) Fluorene	15.921	166	146443	19.797	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.903	204	80734	19.845	ng/ul	93
63) 4-Nitroaniline	15.927	138	29353	22.489	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.992	198	23791	17.694	ng/ul#	99
67) N-Nitrosodiphenylamine	16.121	169	126597	20.193	ng/ul	97
68) 4-Bromophenyl-phenylether	16.802	248	55650	20.159	ng/ul#	89
69) Hexachlorobenzene	16.937	284	62846	20.257	ng/ul#	88
70) Atrazine	17.061	200	55825	20.184	ng/ul	95
71) Pentachlorophenol	17.272	266	26151	17.580	ng/ul	93
72) Phenanthrene	17.672	178	243955	20.250	ng/ul	97
74) Anthracene	17.760	178	242732	20.414	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.683	216	76431	20.020	ng/uL	100
76) Pentachlorobenzene	15.199	250	70236	19.942	ng/uL	98
77) Carbazole	18.024	167	211546	20.413	ng/ul	98
78) Di-n-butylphthalate	18.565	149	251161	20.206	ng/ul	100
80) Fluoranthene	19.669	202	306528	20.192	ng/ul#	91
82) Pyrene	20.033	202	300672	20.231	ng/ul#	89
83) Butylbenzylphthalate	20.903	149	107172	20.614	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.825	252	105478	22.901	ng/ul#	98
85) Benzo(a)anthracene	21.925	228	293225	20.268	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.801	149	148862	19.975	ng/ul#	99
87) Chrysene	21.995	228	279608	20.455	ng/ul	98
89) Di-n-octyl phthalate	23.100	149	254862	21.320	ng/ul	100
90) Benzo(b)fluoranthene	24.304	252	309143	21.158	ng/ul#	96
91) Benzo(k)fluoranthene	24.374	252	281622	21.067	ng/ul#	96
93) Benzo(a)pyrene	25.256	252	283571	20.809	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.426	276	324168	21.355	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.491	278	274353	21.798	ng/ul#	91
96) Benzo(g,h,i)perylene	30.672	276	266800	20.648	ng/ul#	90

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

