

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
 Data File : BG050817.D
 Acq On : 2 Nov 2021 14:54
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV419

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 16:04:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 14:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	39092	20.000	ng/u1	0.00
20) Naphthalene-d8	11.057	136	189259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.858	164	132408	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.602	188	302274	20.000	ng/u1	0.00
79) Chrysene-d12	21.903	240	247939	20.000	ng/u1	0.00
88) Perylene-d12	25.305	264	210791	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	8998	7.429	ng/uL	0.00
4) Pyridine-d5	4.012	84	64839	17.894	ng/u1	0.00
7) Phenol-d5	7.373	99	72972	17.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	49288	18.296	ng/u1	0.00
11) 2-Chlorophenol-d4	7.755	132	53400	18.476	ng/u1	0.00
15) 4-Methylphenol-d8	8.930	113	58586	17.844	ng/u1	0.00
21) Nitrobenzene-d5	9.406	128	28435	17.680	ng/u1	0.00
24) 2-Nitrophenol-d4	10.129	143	31851	17.810	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	53272	17.684	ng/u1	0.00
31) 4-Chloroaniline-d4	11.192	131	79993	17.535	ng/u1	0.00
46) Dimethylphthalate-d6	14.253	166	174985	17.274	ng/u1	0.00
49) Acenaphthylene-d8	14.553	160	216547	17.158	ng/u1	0.00
54) 4-Nitrophenol-d4	15.046	143	31652	17.233	ng/u1	0.00
60) Fluorene-d10	15.845	176	151890	16.926	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	30028	16.385	ng/u1	0.00
73) Anthracene-d10	17.702	188	242908	16.997	ng/u1	0.00
81) Pyrene-d10	19.976	212	286818	17.910	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.070	264	232363	19.940	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.624	88	10357	7.785	ng/uL#	93
5) Pyridine	4.030	79	69556	18.545	ng/u1	96
6) Benzaldehyde	7.361	77	48566	18.463	ng/u1	97
8) Phenol	7.402	94	77068	17.864	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.637	93	59565	18.446	ng/u1	99
12) 2-Chlorophenol	7.790	128	53864	18.355	ng/u1	99
13) 2-Methylphenol	8.666	108	57119	17.913	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.748	45	92917	18.268	ng/u1	100
16) Acetophenone	9.059	105	93054	18.245	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.036	70	55726	18.109	ng/u1#	96
18) 4-Methylphenol	8.995	108	61760	18.190	ng/u1	99
19) Hexachloroethane	9.324	117	23111	18.836	ng/u1	95
22) Nitrobenzene	9.447	77	78535	17.508	ng/u1	97
23) Isophorone	9.964	82	154375	17.733	ng/u1	100
25) 2-Nitrophenol	10.164	139	32478	18.102	ng/u1	98
26) 2,4-Dimethylphenol	10.211	107	70010	17.730	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.446	93	83167	17.730	ng/u1	97
29) 2,4-Dichlorophenol	10.699	162	52353	17.817	ng/u1	97
30) Naphthalene	11.110	128	180310	17.423	ng/u1	97
32) 4-Chloroaniline	11.216	127	79910	17.641	ng/u1	100
33) Hexachlorobutadiene	11.380	225	34448	17.862	ng/u1	97
34) Caprolactam	11.974	113	22276m	17.857	ng/u1	
35) 4-Chloro-3-methylphenol	12.314	107	65580	17.471	ng/u1	96
36) 2-Methylnaphthalene	12.702	142	123263	17.483	ng/u1	99

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37) 1-Methylnaphthalene	12.919	142	125617	17.584	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.060	216	65740	17.040	ng/ul	96
40) Hexachlorocyclopentadiene	13.031	237	28905	15.602	ng/ul	97
41) 2,4,6-Trichlorophenol	13.296	196	43407	17.194	ng/ul	99
42) 2,4,5-Trichlorophenol	13.372	196	46611	17.198	ng/ul	97
43) 1,1'-Biphenyl	13.695	154	166897	17.245	ng/ul	96
44) 2-Chloronaphthalene	13.742	162	129195	17.035	ng/ul	96
45) 2-Nitroaniline	13.942	65	51948	17.240	ng/ul	97
47) Dimethylphthalate	14.300	163	175853	17.361	ng/ul	98
48) 2,6-Dinitrotoluene	14.424	165	37129	17.514	ng/ul	94
50) Acenaphthylene	14.582	152	217033	17.158	ng/ul	98
51) 3-Nitroaniline	14.759	138	36839	16.802	ng/ul	84
52) Acenaphthene	14.923	153	140318	16.871	ng/ul	94
53) 2,4-Dinitrophenol	14.970	184	17430	14.904	ng/ul	95
55) 4-Nitrophenol	15.058	109	29495	17.510	ng/ul	90
56) Dibenzofuran	15.252	168	203021	17.053	ng/ul	99
57) 2,4-Dinitrotoluene	15.211	165	52972	17.509	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.475	232	36963	17.354	ng/ul	97
59) Diethylphthalate	15.652	149	189295	17.459	ng/ul	99
61) Fluorene	15.904	166	159619	16.939	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.887	204	84613	17.244	ng/ul	97
63) 4-Nitroaniline	15.922	138	37550	17.263	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.975	198	29744	16.643	ng/ul	94
67) N-Nitrosodiphenylamine	16.098	169	143962	17.038	ng/ul	99
68) 4-Bromophenyl-phenylether	16.780	248	51165	17.016	ng/ul	97
69) Hexachlorobenzene	16.903	284	52427	16.961	ng/ul	94
70) Atrazine	17.038	200	61714	17.224	ng/ul	99
71) Pentachlorophenol	17.250	266	20233m	14.257	ng/ul	
72) Phenanthrene	17.643	178	277691	17.210	ng/ul	99
74) Anthracene	17.737	178	277250	17.125	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	69865	16.975	ng/uL	99
76) Pentachlorobenzene	15.170	250	64701	16.966	ng/uL	97
77) Carbazole	18.002	167	259328	17.872	ng/ul	99
78) Di-n-butylphthalate	18.536	149	332907	17.460	ng/ul	99
80) Fluoranthene	19.647	202	342961	17.845	ng/ul	98
82) Pyrene	20.005	202	336076	17.897	ng/ul	99
83) Butylbenzylphthalate	20.869	149	144573	17.903	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.786	252	108246	17.927	ng/ul	99
85) Benzo(a)anthracene	21.880	228	303650	17.691	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.750	149	205882	17.762	ng/ul	100
87) Chrysene	21.950	228	288151	17.573	ng/ul	98
89) Di-n-octyl phthalate	23.025	149	349752	20.381	ng/ul	100
90) Benzo(b)fluoranthene	24.212	252	293676	19.557	ng/ul	99
91) Benzo(k)fluoranthene	24.288	252	285144	20.236	ng/ul	100
93) Benzo(a)pyrene	25.140	252	288021	20.138	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.206	276	316284	19.866	ng/ul	96
95) Dibenzo(a,h)anthracene	29.277	278	267111	19.828	ng/ul	97
96) Benzo(g,h,i)perylene	30.428	276	262140m	19.670	ng/ul	

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

