

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
 Data File : BG049436.D
 Acq On : 23 Jul 2021 21:55
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV414

Manual Integrations
 APPROVED

mohammad

7/26/2021 1:29:09 PM

Quant Time: Jul 24 06:16:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 01:39:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	20973	20.000	ng/u1	0.00
20) Naphthalene-d8	10.866	136	80346	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.696	164	56356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	133733	20.000	ng/u1	0.00
79) Chrysene-d12	21.727	240	151094	20.000	ng/u1	0.00
88) Perylene-d12	24.999	264	161671	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	3426	7.473	ng/uL	0.00
4) Pyridine-d5	3.852	84	23957	18.195	ng/u1	0.00
7) Phenol-d5	7.200	99	34682	18.691	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	19561	18.613	ng/u1	0.00
11) 2-Chlorophenol-d4	7.576	132	25905	19.476	ng/u1	0.00
15) 4-Methylphenol-d8	8.751	113	26825	19.179	ng/u1	0.00
21) Nitrobenzene-d5	9.215	128	12906	20.893	ng/u1	0.00
24) 2-Nitrophenol-d4	9.943	143	14784	20.424	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	26547	20.164	ng/u1	0.00
31) 4-Chloroaniline-d4	11.001	131	36008	19.625	ng/u1	0.00
46) Dimethylphthalate-d6	14.097	166	88660	20.538	ng/u1	0.00
49) Acenaphthylene-d8	14.390	160	102647	20.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.884	143	14970	21.057	ng/u1	0.00
60) Fluorene-d10	15.689	176	75005	20.168	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	15336	18.506	ng/u1	0.00
73) Anthracene-d10	17.545	188	123196	19.821	ng/u1	0.00
81) Pyrene-d10	19.830	212	157031	20.325	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.770	264	181364	21.344	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	4480m	7.150	ng/uL	
5) Pyridine	3.875	79	25806	18.322	ng/u1	92
6) Benzaldehyde	7.177	77	26768	24.175	ng/u1	96
8) Phenol	7.224	94	35018	19.319	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.459	93	23573	18.876	ng/u1	93
12) 2-Chlorophenol	7.605	128	24616	19.223	ng/u1#	85
13) 2-Methylphenol	8.492	108	25516	18.469	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	26739	18.271	ng/u1#	94
16) Acetophenone	8.874	105	45249	20.101	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.857	70	22817	19.656	ng/u1#	91
18) 4-Methylphenol	8.816	108	27563	18.964	ng/u1	96
19) Hexachloroethane	9.139	117	11533	19.992	ng/u1	87
22) Nitrobenzene	9.256	77	38292	20.761	ng/u1	95
23) Isophorone	9.779	82	63478	20.539	ng/u1	97
25) 2-Nitrophenol	9.979	139	14304	20.997	ng/u1	96
26) 2,4-Dimethylphenol	10.026	107	33641	20.721	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.261	93	32059	20.798	ng/u1#	96
29) 2,4-Dichlorophenol	10.513	162	25609	19.898	ng/u1	94
30) Naphthalene	10.919	128	83738	20.233	ng/u1	97
32) 4-Chloroaniline	11.024	127	34631	19.842	ng/u1	90
33) Hexachlorobutadiene	11.206	225	20592	20.928	ng/u1#	84
34) Caprolactam	11.788	113	8593m	19.632	ng/u1	
35) 4-Chloro-3-methylphenol	12.146	107	31196	21.543	ng/u1	92
36) 2-Methylnaphthalene	12.522	142	62726	20.708	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	61360	20.047	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.886	216	33825	20.194	ng/ul	95
40) Hexachlorocyclopentadiene	12.869	237	19249	19.072	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.127	196	21690	21.072	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.204	196	23072	20.989	ng/ul	93
43) 1,1'-Biphenyl	13.527	154	81647	20.345	ng/ul	98
44) 2-Chloronaphthalene	13.574	162	63825	20.438	ng/ul	94
45) 2-Nitroaniline	13.774	65	23792	21.468	ng/ul	94
47) Dimethylphthalate	14.144	163	86219	20.538	ng/ul	100
48) 2,6-Dinitrotoluene	14.261	165	17859	21.316	ng/ul#	92
50) Acenaphthylene	14.420	152	98092	20.486	ng/ul	96
51) 3-Nitroaniline	14.596	138	17823	21.329	ng/ul#	84
52) Acenaphthene	14.760	153	68322	19.894	ng/ul	96
53) 2,4-Dinitrophenol	14.807	184	8169m	19.570	ng/ul	
55) 4-Nitrophenol	14.901	109	20460	21.224	ng/ul	89
56) Dibenzofuran	15.095	168	95352	20.562	ng/ul	96
57) 2,4-Dinitrotoluene	15.054	165	26761	22.533	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.318	232	21127	21.179	ng/ul#	97
59) Diethylphthalate	15.506	149	89101	20.507	ng/ul	98
61) Fluorene	15.741	166	80928	20.557	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.736	204	42543	20.760	ng/ul#	87
63) 4-Nitroaniline	15.759	138	18532	22.365	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.818	198	14898	19.529	ng/ul#	85
67) N-Nitrosodiphenylamine	15.947	169	69380	19.796	ng/ul	92
68) 4-Bromophenyl-phenylether	16.628	248	28900	19.408	ng/ul	97
69) Hexachlorobenzene	16.752	284	34221	20.312	ng/ul	94
70) Atrazine	16.893	200	31560	19.716	ng/ul	99
71) Pentachlorophenol	17.098	266	14519m	18.612	ng/ul	
72) Phenanthrene	17.486	178	137350	19.728	ng/ul	97
74) Anthracene	17.580	178	141314	20.030	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.497	216	34224	18.833	ng/ul	97
76) Pentachlorobenzene	15.013	250	37578	19.545	ng/ul	94
77) Carbazole	17.850	167	129768	20.574	ng/ul	98
78) Di-n-butylphthalate	18.403	149	159069	20.280	ng/ul	98
80) Fluoranthene	19.495	202	185719	19.797	ng/ul#	98
82) Pyrene	19.859	202	188976	20.290	ng/ul	99
83) Butylbenzylphthalate	20.741	149	72012	19.859	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.616	252	72499	20.883	ng/ul	98
85) Benzo(a)anthracene	21.704	228	185113	20.039	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.604	149	107315	19.942	ng/ul	95
87) Chrysene	21.769	228	175310	19.827	ng/ul	95
89) Di-n-octyl phthalate	22.832	149	182432	19.197	ng/ul	100
90) Benzo(b)fluoranthene	23.954	252	215122	21.230	ng/ul	100
91) Benzo(k)fluoranthene	24.024	252	202312	20.400	ng/ul	97
93) Benzo(a)pyrene	24.841	252	188775	21.474	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.736	276	253144	22.569	ng/ul	95
95) Dibenzo(a,h)anthracene	28.806	278	209488	22.569	ng/ul	97
96) Benzo(g,h,i)perylene	29.905	276	205533	22.040	ng/ul#	97

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

