Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050270.D
Acq On : 25 Sep 2021 19:22
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 27 03:12:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV439

Manual Integrations APPROVED

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9/28/2021 1:39:14 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.291	152	33990	20.000	ng/ul	0.00
20) Naphthalene-d8	11.117	136	139554	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.907	164	104277	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.651	188	240868	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.958	240	233628	20.000	ng/ul	0.00
88) Perylene-d12	25.401	264	230096	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	5366	7.634	ng/uL	0.00
4) Pyridine-d5	4.096	84	40550	19.142	ng/ul	0.00
7) Phenol-d5	7.422	99	50930	18.872	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.604	67	32455	20.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.815	132	36781	18.751	ng/ul	0.00
15) 4-Methylphenol-d8	8.979	113	39334	18.502	ng/ul	0.00
21) Nitrobenzene-d5	9.460	128	17647	20.469	ng/ul	0.00
24) 2-Nitrophenol-d4	10.183	143	18437m	19.362	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.724	165	40472	18.220	ng/ul	0.00
31) 4-Chloroaniline-d4	11.247	131	53045	18.178	ng/ul	0.00
46) Dimethylphthalate-d6	14.302	166	126045	17.785	ng/ul	0.00
49) Acenaphthylene-d8	14.601	160	157863	17.720	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	21700	18.148	ng/ul	0.00
60) Fluorene-d10	15.894	176	114887	17.706	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	19340	18.952	ng/ul	0.00
73) Anthracene-d10	17.745	188	186008	18.131	ng/ul	0.00
81) Pyrene-d10	20.019	212	219121	17.323	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.160	264	205623	17.528	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.697	88	5748	6.482	ng/uL#	84
5) Pyridine	4.114	79	35359	16.095	ng/ul	95
6) Benzaldehyde	7.422	77	37440	21.856	ng/ul	97
8) Phenol	7.451	94	52950	19.368	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.698	93	38339	18.870	ng/ul	92
12) 2-Chlorophenol	7.845	128	39043	18.887	ng/ul#	81
13) 2-Methylphenol	8.720	108	39334	18.440	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.814	45	53282	19.822	ng/ul#	92
16) Acetophenone	9.120	105	64693	19.920	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.096	70	36169	19.590	ng/ul	95
18) 4-Methylphenol	9.043	108	41633	19.163	ng/ul#	79
19) Hexachloroethane	9.384	117	16571	18.682	ng/ul	93
22) Nitrobenzene	9.502	77	49610	20.057	ng/ul	97
23) Isophorone	10.036	82	89657	17.186	ng/ul#	94
25) 2-Nitrophenol	10.218	139	20060	20.170	ng/ul#	87
26) 2,4-Dimethylphenol	10.259	107	48354	18.183	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.506	93	51531	18.094	ng/ul	98
29) 2,4-Dichlorophenol	10.747	162	40544	18.943	ng/ul	93
30) Naphthalene	11.170	128	130962	18.296	ng/ul	98
32) 4-Chloroaniline	11.270	127	54274	18.624	ng/ul	90
33) Hexachlorobutadiene	11.446	225	31323	17.642	ng/ul	98
34) Caprolactam	12.051	113	13118m	19.437	ng/ul	
35) 4-Chloro-3-methylphenol	12.357	107	44012	18.961	ng/ul	99
36) 2-Methylnaphthalene	12.751	142	96724	19.512	ng/ul	98

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37) 1-Methylnaphthalene	12.968	142	87746	17.531	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.109	216	58080	17.691	ng/ul#	94
40) Hexachlorocyclopentadiene	13.091	237	40854	18.040	ng/ul	96
41) 2,4,6-Trichlorophenol	13.344	196	36349	18.776	ng/ul	91
42) 2,4,5-Trichlorophenol	13.409	196	39337	18.886	ng/ul	91
43) 1,1'-Biphenyl	13.744	154	119907	16.951	ng/ul#	98
44) 2-Chloronaphthalene	13.791	162	99358	17.752	ng/ul	97
45) 2-Nitroaniline	13.985	65	27435	20.587	ng/ul	93
47) Dimethylphthalate	14.349	163	126342	17.697	ng/ul	100
48) 2,6-Dinitrotoluene	14.472	165	24701	21.857	ng/ul#	90
50) Acenaphthylene	14.631	152	155211	17.246	ng/ul	97
51) 3-Nitroaniline	14.801	138	25762	20.389	ng/ul	98
52) Acenaphthene	14.972	153	106668	18.103	ng/ul	96
53) 2,4-Dinitrophenol	15.001	184	12838	17.942	ng/ul#	69
55) 4-Nitrophenol	15.083	109	22365	18.200	ng/ul#	79
56) Dibenzofuran	15.301	168	159220	18.057	ng/ul	88
57) 2,4-Dinitrotoluene	15.248	165	33024	20.620	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.518	232	36505	19.481	ng/ul#	85
59) Diethylphthalate	15.706	149	131425	17.907	ng/ul	98
61) Fluorene	15.947	166	122934	17.795	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.935	204	69102	17.769	ng/ul#	88
63) 4-Nitroaniline	15.953	138	27530	21.165	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	16.006	198	19102	18.633	ng/ul	95
67) N-Nitrosodiphenylamine	16.147	169	113218	18.589	ng/ul	99
68) 4-Bromophenyl-phenylether	16.834	248	45695	18.296	ng/ul	93
69) Hexachlorobenzene	16.946	284	49070	17.733	ng/ul	94
70) Atrazine	17.087	200	47558	17.698	ng/ul	95
71) Pentachlorophenol	17.287	266	32067	18.161	ng/ul	98
72) Phenanthrene	17.692	178	217375	18.184	ng/ul	95
74) Anthracene	17.780	178	221581	18.611	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.708	216	59008	17.233	ng/uL	90
76) Pentachlorobenzene	15.218	250	55723	16.877	ng/uL	95
77) Carbazole	18.044	167	202048	19.182	ng/ul	98
78) Di-n-butylphthalate	18.591	149	226402	18.642	ng/ul	99
80) Fluoranthene	19.684	202	271866	16.953	ng/ul#	93
82) Pyrene	20.048	202	271773	17.234	ng/ul#	92
83) Butylbenzylphthalate	20.929	149	94890	17.862	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.840	252	100043	19.995	ng/ul#	99
85) Benzo(a)anthracene	21.934	228	251002	17.840	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.828	149	132241	17.439	ng/ul	98
87) Chrysene	22.005	228	243880	17.880	ng/ul	96
89) Di-n-octyl phthalate	23.121	149	216173	19.165	ng/ul	100
90) Benzo(b)fluoranthene	24.296	252	233823	17.360	ng/ul#	98
91) Benzo(k)fluoranthene	24.372	252	232353	18.372	ng/ul	99
93) Benzo(a)pyrene	25.236	252	226064	17.671	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.349	276	254056	16.995	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.431	278	217681	16.895	ng/ul#	97
96) Benzo(g,h,i)perylene	30.589	276	211937	16.570	ng/ul	99

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

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