Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
Data File : BG052222.D
Acq On : 1 Feb 2022 10:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 01 10:37:06 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	8.234	152	30847	20.000	ng/ul	0.00
20) Naphthalene-d8	11.078	136	130382	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.878	164	90308	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.628	188	218881	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.945	240	212011	20.000	ng/ul	# 0.00
88) Perylene-d12	25.411	264	217283	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	6158	8.054	ng/uL	0.00
4) Pyridine-d5	3.987	84	49056	20.627	ng/ul	0.00
7) Phenol-d5	7.377	99	56100	19.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	35106	20.595	ng/ul	0.00
11) 2-Chlorophenol-d4	7.764	132	40348	20.636	ng/ul	0.00
15) 4-Methylphenol-d8	8.939	113	44729	21.007	ng/ul	0.00
21) Nitrobenzene-d5	9.403	128	20842	19.632	ng/ul	0.00
24) 2-Nitrophenol-d4	10.138	143	24491	21.112	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	44161	19.527	ng/ul	0.00
31) 4-Chloroaniline-d4	11.201	131	55667	19.405	ng/ul	0.00
46) Dimethylphthalate-d6	14.267	166	143483	20.213	ng/ul	0.00
49) Acenaphthylene-d8	14.573	160	180667	20.419	ng/ul	0.00
54) 4-Nitrophenol-d4	15.060	143	21105	19.631	ng/ul	0.00
60) Fluorene-d10	15.865	176	127351	20.478	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.977	200	24782	18.339	ng/ul	0.00
73) Anthracene-d10	17.727	188	207821	20.140	ng/ul	0.00
81) Pyrene-d10	20.007	212	255826	20.134	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.176	264	237568	20.580	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.600	88	6975	8.184	ng/uL	95
5) Pyridine	4.011	79	50690	20.352	ng/ul	99
6) Benzaldehyde	7.353	77	41948	26.371	ng/ul	95
8) Phenol	7.406	94	57238	20.355	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.635	93	43063	20.266	ng/ul	99
12) 2-Chlorophenol	7.794	128	42395	21.005	ng/ul	93
13) 2-Methylphenol	8.675	108	43429	20.522	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.763	45	64922	21.391	ng/ul	99
16) Acetophenone	9.063	105	69685	21.104	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.039	70	40672	20.534	ng/ul	99
18) 4-Methylphenol	9.004	108	46399	20.811	ng/ul#	77
19) Hexachloroethane	9.339	117	17740	20.409	ng/ul#	71
22) Nitrobenzene	9.450	77	61178	20.661	ng/ul	98
23) Isophorone	9.973	82	108726	19.844	ng/ul	99
25) 2-Nitrophenol	10.173	139	24481	19.303	ng/ul#	86
26) 2,4-Dimethylphenol	10.226	107	51864	19.833	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.455	93	59938	20.398	ng/ul	96
29) 2,4-Dichlorophenol	10.713	162	42852	19.602	ng/ul	98
30) Naphthalene	11.125	128	142357	19.969	ng/ul	99
32) 4-Chloroaniline	11.225	127	58854	19.899	ng/ul	100
33) Hexachlorobutadiene	11.412	225	35855	20.106	ng/ul	99
34) Caprolactam	11.965	113	13515	19.061	ng/ul	95
35) 4-Chloro-3-methylphenol	12.335	107	47436	20.117	ng/ul	92
36) 2-Methylnaphthalene	12.717	142	102309	20.451	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.934	142	104502	20.305	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.087	216	66179	20.359	ng/ul	93
40) Hexachlorocyclopentadiene	13.063	237	33817	18.223	ng/ul	95
41) 2,4,6-Trichlorophenol	13.322	196	39278	20.237	ng/ul	97
42) 2,4,5-Trichlorophenol	13.392	196	41639	19.919	ng/ul	99
43) 1,1'-Biphenyl	13.709	154	142032	20.062	ng/ul#	94
44) 2-Chloronaphthalene	13.762	162	109375	20.191	ng/ul	99
45) 2-Nitroaniline	13.950	65	36772	20.161	ng/ul	91
47) Dimethylphthalate	14.314	163	138173	20.082	ng/ul#	98
48) 2,6-Dinitrotoluene	14.438	165	29380	19.794	ng/ul	92
50) Acenaphthylene	14.602	152	179104	20.196	ng/ul	95
51) 3-Nitroaniline	14.773	138	28146	22.158	ng/ul	99
52) Acenaphthene	14.943	153	117506	20.212	ng/ul	95
53) 2,4-Dinitrophenol	14.972	184	13890	18.021	ng/ul	88
55) 4-Nitrophenol	15.078	109	22436	19.910	ng/ul	88
56) Dibenzofuran	15.278	168	171741	20.403	ng/ul	94
57) 2,4-Dinitrotoluene	15.225	165	43254	20.328	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.501	232	37666	20.583	ng/ul#	87
59) Diethylphthalate	15.671	149	146606	21.014	ng/ul	98
61) Fluorene	15.924	166	143682	20.569	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.906	204	76917	20.022	ng/ul	93
63) 4-Nitroaniline	15.930	138	29056	23.574	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.995	198	23824	18.512	ng/ul	96
67) N-Nitrosodiphenylamine	16.118	169	122441	20.404	ng/ul	95
68) 4-Bromophenyl-phenylether	16.805	248	53938	20.414	ng/ul#	83
69) Hexachlorobenzene	16.934	284	60381	20.334	ng/ul#	89
70) Atrazine	17.058	200	54542	20.602	ng/ul	99
71) Pentachlorophenol	17.281	266	24311	17.074	ng/ul	94
72) Phenanthrene	17.669	178	237322	20.581	ng/ul	99
74) Anthracene	17.763	178	236207	20.755	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.686	216	74256	20.321	ng/uL	96
76) Pentachlorobenzene	15.201	250	65824	19.526	ng/uL	99
77) Carbazole	18.027	167	210031	21.174	ng/ul	98
78) Di-n-butylphthalate	18.567	149	244439	20.545	ng/ul	99
80) Fluoranthene	19.672	202	302155	20.193	ng/ul#	90
82) Pyrene	20.036	202	298721	20.393	ng/ul#	88
83) Butylbenzylphthalate	20.900	149	102691	20.040	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.822	252	102759	22.635	ng/ul#	98
85) Benzo(a)anthracene	21.922	228	289442	20.298	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.798	149	144802	19.714	ng/ul#	98
87) Chrysene	21.992	228	275596	20.455	ng/ul	99
89) Di-n-octyl phthalate	23.097	149	249770	20.261	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	306299	20.329	ng/ul#	95
91) Benzo(k)fluoranthene	24.377	252	282379	20.484	ng/ul#	93
93) Benzo(a)pyrene	25.253	252	290257	20.656	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.435	276	330852m	21.136	ng/ul	
95) Dibenzo(a,h)anthracene	29.494	278	273215	21.050	ng/ul#	95
96) Benzo(g,h,i)perylene	30.669	276	280180	21.027	ng/ul#	91

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

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