Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050303.D
Acq On : 29 Sep 2021 3:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020517

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:53 PM

Quant Time: Sep 29 04:26:36 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.285	152	53616	20.000	ng/ul	0.00
20) Naphthalene-d8	11.111	136	213976	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.901	164	145399	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.645	188	325996	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.951	240	312388	20.000	ng/ul	# 0.00
88) Perylene-d12	25.388	264	329089	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	11779	10.624	ng/uL	0.00
4) Pyridine-d5	4.084	84	84906	25.409	ng/ul	-0.01
7) Phenol-d5	7.415	99	87669	20.594	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.598	67	55657	22.525	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.809	132	63171	20.416	ng/ul	0.00
15) 4-Methylphenol-d8	8.972	113	67258	20.056	ng/ul	-0.01
21) Nitrobenzene-d5	9.448	128	31645	23.940	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.177	143	33714	23.091	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.711	165	66512	19.529	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.234	131	86898	19.422	ng/ul	-0.01
46) Dimethylphthalate-d6	14.296	166	193486	19.580	ng/ul	-0.01
49) Acenaphthylene-d8	14.595	160	246683	19.859	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.065	143	34837	20.894	ng/ul	0.00
60) Fluorene-d10	15.888	176	172519	19.068	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	32377	23.443	ng/ul	0.00
73) Anthracene-d10	17.744	188	274664	19.781	ng/ul	0.00
81) Pyrene-d10	20.012	212	324961	19.213	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.148	264	326929	19.485	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	14025m	10.027	ng/uL	
5) Pyridine	4.102	79	87202	25.164	ng/ul	95
6) Benzaldehyde	7.415	77	66972	24.785	ng/ul	93
8) Phenol	7.439	94	90045	20.880	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.691	93	67529	21.070	ng/ul	88
12) 2-Chlorophenol	7.838	128	65511	20.090	ng/ul#	78
13) 2-Methylphenol	8.708	108	66926	19.891	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.802	45	98890	23.323	ng/ul#	88
16) Acetophenone	9.107	105	106411	20.772	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.090	70	59775	20.525	ng/ul	94
18) 4-Methylphenol	9.037	108	72475	21.148	ng/ul	93
19) Hexachloroethane	9.378	117	27916	19.952	ng/ul	94
22) Nitrobenzene	9.495	77	88721	23.394	ng/ul	97
23) Isophorone	10.024	82	162035	20.257	ng/ul	95
25) 2-Nitrophenol	10.212	139	34516	22.635	ng/ul#	85
26) 2,4-Dimethylphenol	10.253	107	81001	19.865	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.500	93	90769	20.787	ng/ul	96
29) 2,4-Dichlorophenol	10.741	162	62101	18.924	ng/ul	95
30) Naphthalene	11.164	128	215844	19.666	ng/ul	97
32) 4-Chloroaniline	11.258	127	88571	19.822	ng/ul	94
33) Hexachlorobutadiene	11.440	225	47773	17.548	ng/ul	96
34) Caprolactam	12.022	113	21777m	21.045	ng/ul	
35) 4-Chloro-3-methylphenol	12.351	107	72567	20.390	ng/ul	99
36) 2-Methylnaphthalene	12.744	142	145698	19.169	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.962	142	146742	19.121	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.103	216	87250	19.060	ng/ul#	97
40) Hexachlorocyclopentadiene	13.079	237	58737	18.601	ng/ul	95
41) 2,4,6-Trichlorophenol	13.332	196	56342	20.872	ng/ul	88
42) 2,4,5-Trichlorophenol	13.402	196	60788	20.931	ng/ul	94
43) 1,1'-Biphenyl	13.737	154	195410	19.811	ng/ul#	97
44) 2-Chloronaphthalene	13.784	162	156481	20.051	ng/ul	98
45) 2-Nitroaniline	13.978	65	50041	26.931	ng/ul	94
47) Dimethylphthalate	14.343	163	194695	19.559	ng/ul	98
48) 2,6-Dinitrotoluene	14.466	165	37951	24.084	ng/ul#	86
50) Acenaphthylene	14.625	152	246018	19.604	ng/ul	94
51) 3-Nitroaniline	14.795	138	41570	23.595	ng/ul	93
52) Acenaphthene	14.965	153	164407	20.011	ng/ul	97
53) 2,4-Dinitrophenol	14.989	184	22182	22.233	ng/ul	87
55) 4-Nitrophenol	15.077	109	35143	20.510	ng/ul#	74
56) Dibenzofuran	15.294	168	236149	19.207	ng/ul	93
57) 2,4-Dinitrotoluene	15.247	165	53638	24.019	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.512	232	51142	19.574	ng/ul#	90
59) Diethylphthalate	15.700	149	197936	19.342	ng/ul	95
61) Fluorene	15.941	166	184981	19.204	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.929	204	102243	18.856	ng/ul	90
63) 4-Nitroaniline	15.952	138	41121	22.673	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	16.005	198	30502	21.984	ng/ul	92
67) N-Nitrosodiphenylamine	16.140	169	164839	19.997	ng/ul	92
68) 4-Bromophenyl-phenylether	16.822	248	64858	19.187	ng/ul	93
69) Hexachlorobenzene	16.939	284	72099	19.251	ng/ul	96
70) Atrazine	17.081	200	70102	19.275	ng/ul	94
71) Pentachlorophenol	17.280	266	46281	19.367	ng/ul	99
72) Phenanthrene	17.686	178	320630	19.818	ng/ul	97
74) Anthracene	17.780	178	317711	19.717	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.702	216	91556	19.756	ng/uL	94
76) Pentachlorobenzene	15.212	250	87697	19.626	ng/uL	97
77) Carbazole	18.038	167	294226	20.639	ng/ul	98
78) Di-n-butylphthalate	18.585	149	339523	20.656	ng/ul	99
80) Fluoranthene	19.683	202	405012	18.888	ng/ul#	90
82) Pyrene	20.042	202	399960	18.968	ng/ul#	90
83) Butylbenzylphthalate	20.917	149	145411	20.471	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.834	252	136264	20.368	ng/ul#	96
85) Benzo(a)anthracene	21.928	228	376318	20.004	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.816	149	208382	20.552	ng/ul	97
87) Chrysene	21.998	228	359766	19.726	ng/ul	96
89) Di-n-octyl phthalate	23.109	149	349852	21.687	ng/ul	100
90) Benzo(b)fluoranthene	24.284	252	382831	19.874	ng/ul#	97
91) Benzo(k)fluoranthene	24.360	252	350997	19.405	ng/ul#	98
93) Benzo(a)pyrene	25.224	252	361810	19.774	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.337	276	414868	19.404	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.407	278	355231	19.277	ng/ul#	96
96) Benzo(g,h,i)perylene	30.571	276	343880	18.798	ng/ul#	93

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

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