Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050162.D
Acq On : 4 Sep 2021 13:26
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020512

Manual Integrations APPROVED
mohammad
9/7/2021 11:35:00 AM

Quant Time: Sep 06 04:40:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	36936	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	149483	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.611	164	98146	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.366	188	213473	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.637	240	213717	20.000	ng/ul	-0.01
88) Perylene-d12	24.850	264	218668	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	8012	11.186	ng/uL	0.00
4) Pyridine-d5	3.731	84	56628	26.247	ng/ul	-0.01
7) Phenol-d5	7.121	99	75227	23.985	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	41311	23.708	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	56908	24.249	ng/ul	-0.01
15) 4-Methylphenol-d8	8.672	113	58661	23.748	ng/ul	-0.01
21) Nitrobenzene-d5	9.124	128	28098	24.245	ng/ul	0.00
24) 2-Nitrophenol-d4	9.853	143	33313	24.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	62211	25.276	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	78930	23.560	ng/ul	-0.01
46) Dimethylphthalate-d6	14.012	166	179838	23.943	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	217598	24.708	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.840	143	19927	18.337	ng/ul	0.00
60) Fluorene-d10	15.604	176	154640	24.282	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.745	200	28912	21.052	ng/ul	-0.01
73) Anthracene-d10	17.466	188	232712	24.276	ng/ul	-0.01
81) Pyrene-d10	19.757	212	270355	23.409	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.633	264	277918	23.956	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	8074m	9.246	ng/uL	
5) Pyridine	3.755	79	56660	24.299	ng/ul	90
6) Benzaldehyde	7.086	77	24982	13.841	ng/ul	97
8) Phenol	7.150	94	73681	23.258	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.368	93	55496	25.376	ng/ul	96
12) 2-Chlorophenol	7.515	128	58560	25.252	ng/ul#	90
13) 2-Methylphenol	8.407	108	58697	24.016	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.478	45	53381	23.277	ng/ul	97
16) Acetophenone	8.778	105	93368	23.178	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.760	70	48009	23.735	ng/ul	95
18) 4-Methylphenol	8.736	108	60065	22.844	ng/ul	82
19) Hexachloroethane	9.030	117	24352	23.995	ng/ul#	91
22) Nitrobenzene	9.165	77	77594	24.710	ng/ul	96
23) Isophorone	9.688	82	132805	23.736	ng/ul	98
25) 2-Nitrophenol	9.882	139	32576	24.281	ng/ul	93
26) 2,4-Dimethylphenol	9.941	107	70288	23.573	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.170	93	70104	24.264	ng/ul	98
29) 2,4-Dichlorophenol	10.422	162	58018	25.682	ng/ul	97
30) Naphthalene	10.822	128	181372	24.275	ng/ul	98
32) 4-Chloroaniline	10.933	127	76349	23.664	ng/ul#	86
33) Hexachlorobutadiene	11.092	225	44615	24.413	ng/ul	93
34) Caprolactam	11.703	113	18541m	23.430	ng/ul	
35) 4-Chloro-3-methylphenol	12.073	107	65215	24.155	ng/ul	98
36) 2-Methylnaphthalene	12.431	142	134644	24.243	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.649	142	135270	24.129	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.802	216	75068	26.041	ng/ul#	98
40) Hexachlorocyclopentadiene	12.772	237	15776	12.228	ng/ul	93
41) 2,4,6-Trichlorophenol	13.048	196	44826	24.401	ng/ul	92
42) 2,4,5-Trichlorophenol	13.130	196	47370	24.603	ng/ul	99
43) 1,1'-Biphenyl	13.436	154	172165	25.109	ng/ul	98
44) 2-Chloronaphthalene	13.489	162	136485	24.781	ng/ul	96
45) 2-Nitroaniline	13.694	65	45619	24.396	ng/ul	86
47) Dimethylphthalate	14.059	163	173978	23.404	ng/ul#	99
48) 2,6-Dinitrotoluene	14.188	165	36153	23.557	ng/ul	88
50) Acenaphthylene	14.335	152	200779	24.944	ng/ul	98
51) 3-Nitroaniline	14.529	138	28386	19.168	ng/ul	97
52) Acenaphthene	14.675	153	145176	24.863	ng/ul	98
53) 2,4-Dinitrophenol	14.758	184	15684m	20.009	ng/ul	
55) 4-Nitrophenol	14.858	109	22796	16.545	ng/ul	90
56) Dibenzofuran	15.010	168	198264	24.519	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	54319	24.606	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.251	232	36055	22.598	ng/ul#	93
59) Diethylphthalate	15.421	149	178575	23.483	ng/ul	96
61) Fluorene	15.662	166	164148	24.061	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	87432	24.222	ng/ul	98
63) 4-Nitroaniline	15.692	138	24700	16.713	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.756	198	25753	20.688	ng/ul	95
67) N-Nitrosodiphenylamine	15.868	169	140661	25.028	ng/ul	96
68) 4-Bromophenyl-phenylether	16.544	248	61790	26.166	ng/ul	96
69) Hexachlorobenzene	16.673	284	68567	25.145	ng/ul	96
70) Atrazine	16.814	200	60330	24.163	ng/ul	98
71) Pentachlorophenol	17.031	266	16942	14.672	ng/ul	95
72) Phenanthrene	17.407	178	266375	25.030	ng/ul	98
74) Anthracene	17.501	178	269101	24.953	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.412	216	76300	26.640	ng/uL	94
76) Pentachlorobenzene	14.934	250	80890	26.654	ng/uL#	91
77) Carbazole	17.771	167	234907	24.479	ng/ul	97
78) Di-n-butylphthalate	18.318	149	294711	24.012	ng/ul	98
80) Fluoranthene	19.422	202	337139	23.656	ng/ul	98
82) Pyrene	19.786	202	330807	23.425	ng/ul	98
83) Butylbenzylphthalate	20.661	149	128201	23.004	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.531	252	107389	21.197	ng/ul	99
85) Benzo(a)anthracene	21.619	228	317173	23.818	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.507	149	182351	23.826	ng/ul#	98
87) Chrysene	21.684	228	304817	24.214	ng/ul	97
89) Di-n-octyl phthalate	22.706	149	306931	23.661	ng/ul	100
90) Benzo(b)fluoranthene	23.828	252	331541m	23.703	ng/ul	
91) Benzo(k)fluoranthene	23.898	252	313228	23.559	ng/ul	99
93) Benzo(a)pyrene	24.703	252	286750	23.606	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.539	276	358983	22.403	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.586	278	305067	22.742	ng/ul	97
96) Benzo(g,h,i)perylene	29.696	276	297900	22.113	ng/ul	97

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

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