Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049256.D
Acq On : 10 Jul 2021 4:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020203

Manual Integrations APPROVED
mohammad
7/12/2021 12:33:54 PM

Quant Time: Jul 11 07:01:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	34262	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.893	136	145873	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.717	164	105698	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.467	188	247703	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.756	240	233146	20.000	ng/ul	0.00
88) Perylene-d12	25.052	264	242684	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	5303m	7.281	ng/uL	0.00
4) Pyridine-d5	3.889	84	38862	18.145	ng/ul	0.00
7) Phenol-d5	7.220	99	59219	19.870	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.391	67	35106	20.309	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	46968	21.323	ng/ul	0.00
15) 4-Methylphenol-d8	8.777	113	47864	20.045	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	23024	20.569	ng/ul	0.00
24) 2-Nitrophenol-d4	9.970	143	27816	21.647	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.511	165	53228	21.229	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	63263	19.362	ng/ul	0.00
46) Dimethylphthalate-d6	14.118	166	163610	20.127	ng/ul	0.00
49) Acenaphthylene-d8	14.412	160	198521	20.814	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	26164	19.446	ng/ul	0.00
60) Fluorene-d10	15.710	176	136437	19.824	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	29943	19.018	ng/ul	0.00
73) Anthracene-d10	17.567	188	227903	20.208	ng/ul	0.00
81) Pyrene-d10	19.853	212	266895	22.335	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.823	264	270789	21.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.501	88	6957m	7.843	ng/uL	
5) Pyridine	3.907	79	42528	17.900	ng/ul#	90
6) Benzaldehyde	7.209	77	41932	23.388	ng/ul	96
8) Phenol	7.250	94	59144	19.843	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.491	93	44139	19.917	ng/ul	93
12) 2-Chlorophenol	7.638	128	46535	20.930	ng/ul	95
13) 2-Methylphenol	8.513	108	45083	19.858	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.601	45	73441	20.603	ng/ul	96
16) Acetophenone	8.901	105	81690	20.855	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.883	70	42766	21.487	ng/ul	92
18) 4-Methylphenol	8.848	108	48842	20.679	ng/ul	95
19) Hexachloroethane	9.165	117	21359	21.218	ng/ul	84
22) Nitrobenzene	9.289	77	65629	20.790	ng/ul#	94
23) Isophorone	9.806	82	112833	20.692	ng/ul	99
25) 2-Nitrophenol	10.005	139	26988	20.587	ng/ul#	90
26) 2,4-Dimethylphenol	10.052	107	61201	21.084	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.293	93	61932	21.303	ng/ul	95
29) 2,4-Dichlorophenol	10.540	162	47300	20.646	ng/ul	96
30) Naphthalene	10.945	128	152493	20.967	ng/ul	97
32) 4-Chloroaniline	11.051	127	66026	20.496	ng/ul	99
33) Hexachlorobutadiene	11.233	225	41040	21.124	ng/ul	94
34) Caprolactam	11.815	113	14779m	18.544	ng/ul	
35) 4-Chloro-3-methylphenol	12.168	107	52824	20.641	ng/ul	92
36) 2-Methylnaphthalene	12.549	142	116373	21.060	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.767	142	113638	20.679	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.914	216	70560	21.254	ng/ul	96
40) Hexachlorocyclopentadiene	12.896	237	43396	19.683	ng/ul	99
41) 2,4,6-Trichlorophenol	13.149	196	45494	21.185	ng/ul	93
42) 2,4,5-Trichlorophenol	13.225	196	45402	19.877	ng/ul	91
43) 1,1'-Biphenyl	13.554	154	147791	20.696	ng/ul	99
44) 2-Chloronaphthalene	13.595	162	113343	20.258	ng/ul	96
45) 2-Nitroaniline	13.795	65	42715	20.824	ng/ul	94
47) Dimethylphthalate	14.165	163	157320	20.851	ng/ul	99
48) 2,6-Dinitrotoluene	14.283	165	33860	20.838	ng/ul	91
50) Acenaphthylene	14.441	152	184079	21.701	ng/ul	99
51) 3-Nitroaniline	14.618	138	31565	21.333	ng/ul	85
52) Acenaphthene	14.782	153	126695	20.566	ng/ul	94
53) 2,4-Dinitrophenol	14.823	184	27509	26.713	ng/ul#	91
55) 4-Nitrophenol	14.923	109	32141	18.923	ng/ul	92
56) Dibenzofuran	15.117	168	178624	20.460	ng/ul	97
57) 2,4-Dinitrotoluene	15.076	165	48182	20.548	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.340	232	44164	20.619	ng/ul	95
59) Diethylphthalate	15.528	149	162630	20.052	ng/ul	98
61) Fluorene	15.769	166	154006	20.843	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.757	204	85687	21.095	ng/ul	98
63) 4-Nitroaniline	15.781	138	34418	23.695	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.840	198	28588	19.081	ng/ul#	99
67) N-Nitrosodiphenylamine	15.969	169	133447	21.160	ng/ul	98
68) 4-Bromophenyl-phenylether	16.656	248	58158	21.051	ng/ul	96
69) Hexachlorobenzene	16.774	284	65890	21.059	ng/ul	94
70) Atrazine	16.915	200	57393	19.885	ng/ul	94
71) Pentachlorophenol	17.121	266	32312	17.303	ng/ul	99
72) Phenanthrene	17.514	178	247928	20.521	ng/ul	99
74) Anthracene	17.602	178	255550	20.706	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.519	216	76543	22.651	ng/uL	93
76) Pentachlorobenzene	15.041	250	75686	21.113	ng/uL	94
77) Carbazole	17.873	167	231162	20.996	ng/ul	99
78) Di-n-butylphthalate	18.425	149	277619	20.154	ng/ul	99
80) Fluoranthene	19.518	202	309719	22.286	ng/ul	99
82) Pyrene	19.882	202	308345	22.267	ng/ul	99
83) Butylbenzylphthalate	20.763	149	118944	21.879	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.645	252	117146	21.506	ng/ul	99
85) Benzo(a)anthracene	21.733	228	297543	20.767	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.633	149	164833	20.788	ng/ul	98
87) Chrysene	21.803	228	285683	21.079	ng/ul	99
89) Di-n-octyl phthalate	22.867	149	253681	18.571	ng/ul	100
90) Benzo(b)fluoranthene	23.995	252	300994	20.105	ng/ul#	97
91) Benzo(k)fluoranthene	24.071	252	301245m	20.637	ng/ul	
93) Benzo(a)pyrene	24.894	252	265285	20.135	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.813	276	354284	20.841	ng/ul	96
95) Dibenzo(a,h)anthracene	28.883	278	296401	21.051	ng/ul	95
96) Benzo(g,h,i)perylene	30.000	276	290468	20.667	ng/ul	96

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

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