Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051586.D
Acq On : 17 Dec 2021 1:41
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 86 Sample Multiplier: 1

Quant Time: Dec 17 04:05:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020593

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
12/17/2021
Supervised By :Yogesh Patel
12/23/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	47826	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	197045	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.914	164	143681	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	350822	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	335670	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	344646	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	9203	7.992	ng/uL	0.00
4) Pyridine-d5	4.034	84	70636	20.301	ng/ul	-0.01
7) Phenol-d5	7.406	99	82307	19.275	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	49948	19.676	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	59149	19.916	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	65272	19.775	ng/ul	0.00
21) Nitrobenzene-d5	9.445	128	29536	20.445	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.179	143	33072	20.942	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.719	165	68608	20.033	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.236	131	83508	18.520	ng/ul	0.00
46) Dimethylphthalate-d6	14.303	166	212918	18.514	ng/ul	-0.01
49) Acenaphthylene-d8	14.608	160	261202	18.288	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	33592	17.962	ng/ul	0.00
60) Fluorene-d10	15.901	176	191435	18.580	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	34079	18.645	ng/ul	-0.01
73) Anthracene-d10	17.757	188	312025	18.645	ng/ul	0.00
81) Pyrene-d10	20.030	212	382171	18.917	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	344800	19.014	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	9564	7.958	ng/uL#	82
5) Pyridine	4.052	79	69696	19.966	ng/ul	96
6) Benzaldehyde	7.394	77	61340	23.023	ng/ul	97
8) Phenol	7.436	94	81548	19.205	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.676	93	61013	18.835	ng/ul	92
12) 2-Chlorophenol	7.835	128	58785	19.296	ng/ul	98
13) 2-Methylphenol	8.704	108	60584	18.911	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.804	45	82186	18.704	ng/ul#	94
16) Acetophenone	9.104	105	96953	18.699	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.086	70	56932	18.300	ng/ul	96
18) 4-Methylphenol	9.033	108	63977	18.947	ng/ul	98
19) Hexachloroethane	9.386	117	23529	17.700	ng/ul#	69
22) Nitrobenzene	9.486	77	83097	19.776	ng/ul	96
23) Isophorone	10.014	82	157273	18.643	ng/ul	99
25) 2-Nitrophenol	10.208	139	35149	20.822	ng/ul	93
26) 2,4-Dimethylphenol	10.255	107	75255	18.503	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.496	93	82814	18.488	ng/ul	99
29) 2,4-Dichlorophenol	10.749	162	62656	19.228	ng/ul	98
30) Naphthalene	11.172	128	197210	18.577	ng/ul	97
32) 4-Chloroaniline	11.260	127	84050	18.254	ng/ul	99
33) Hexachlorobutadiene	11.460	225	51484	18.610	ng/ul	96
34) Caprolactam	12.006	113	21135m	21.423	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	70257	19.243	ng/ul	94
36) 2-Methylnaphthalene	12.758	142	140864	18.600	ng/ul	97

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37) 1-Methylnaphthalene	12.975	142	145285	18.475	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.122	216	92592	18.527	ng/ul	97
40) Hexachlorocyclopentadiene	13.104	237	71799	19.786	ng/ul	94
41) 2,4,6-Trichlorophenol	13.345	196	60112	19.869	ng/ul	94
42) 2,4,5-Trichlorophenol	13.416	196	65542	20.671	ng/ul	96
43) 1,1'-Biphenyl	13.751	154	200976	18.260	ng/ul#	95
44) 2-Chloronaphthalene	13.792	162	154833	18.197	ng/ul	97
45) 2-Nitroaniline	13.980	65	54800	21.082	ng/ul	95
47) Dimethylphthalate	14.350	163	201684	18.064	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	42589	19.954	ng/ul	97
50) Acenaphthylene	14.638	152	250784	17.946	ng/ul	96
51) 3-Nitroaniline	14.796	138	42490	20.819	ng/ul	97
52) Acenaphthene	14.972	153	163585	17.720	ng/ul	97
53) 2,4-Dinitrophenol	14.996	184	27248	22.085	ng/ul#	62
55) 4-Nitrophenol	15.084	109	36220	18.052	ng/ul	93
56) Dibenzofuran	15.307	168	243083	17.879	ng/ul	97
57) 2,4-Dinitrotoluene	15.248	165	62284	20.589	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.525	232	60483	20.071	ng/ul#	87
59) Diethylphthalate	15.707	149	203431	17.491	ng/ul	96
61) Fluorene	15.953	166	201409	17.979	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.942	204	114029	18.275	ng/ul	94
63) 4-Nitroaniline	15.953	138	43777	20.915	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.018	198	33720	18.785	ng/ul#	88
67) N-Nitrosodiphenylamine	16.147	169	172609	18.292	ng/ul	97
68) 4-Bromophenyl-phenylether	16.835	248	77200	21.608	ng/ul#	86
69) Hexachlorobenzene	16.964	284	84247	18.765	ng/ul#	88
70) Atrazine	17.093	200	79561	18.790	ng/ul	96
71) Pentachlorophenol	17.299	266	57777	21.004	ng/ul	93
72) Phenanthrene	17.704	178	325349	18.030	ng/ul	99
74) Anthracene	17.792	178	323510	17.747	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.721	216	98271	18.208	ng/uL	98
76) Pentachlorobenzene	15.231	250	100227	19.426	ng/uL	99
77) Carbazole	18.051	167	301944	18.497	ng/ul	99
78) Di-n-butylphthalate	18.603	149	351150	17.875	ng/ul	99
80) Fluoranthene	19.701	202	427805	18.448	ng/ul#	88
82) Pyrene	20.060	202	421560	18.370	ng/ul#	88
83) Butylbenzylphthalate	20.935	149	145904	18.958	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.857	252	154864	19.576	ng/ul#	98
85) Benzo(a)anthracene	21.957	228	404361	18.516	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.851	149	205932	19.103	ng/ul#	97
87) Chrysene	22.028	228	388870	18.431	ng/ul	99
89) Di-n-octyl phthalate	23.161	149	347433	18.716	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	429672	18.613	ng/ul#	95
91) Benzo(k)fluoranthene	24.430	252	390165	18.048	ng/ul#	95
93) Benzo(a)pyrene	25.311	252	402273	18.464	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.512	276	457575	19.238	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.576	278	381883	18.798	ng/ul#	94
96) Benzo(g,h,i)perylene	30.763	276	384716	19.086	ng/ul#	87

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

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