Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049370.D
Acq On : 15 Jul 2021 20:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020215

Manual Integrations APPROVED
mohammad
7/16/2021 10:54:41 AM

Quant Time: Jul 16 02:40:55 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	8.063	152	33985	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.883	136	135319	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.708	164	98480	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.458	188	213951	20.000	ng/ul	-0.01
79) Chrysene-d12	21.741	240	217697	20.000	ng/ul	#-0.01
88) Perylene-d12	25.032	264	232778	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.463	96	5584	7.729	ng/uL	0.00
4) Pyridine-d5	3.880	84	40847	19.228	ng/ul	0.00
7) Phenol-d5	7.223	99	60050	20.313	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	34195	19.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	44202	20.231	ng/ul	-0.01
15) 4-Methylphenol-d8	8.774	113	47182	19.920	ng/ul	0.00
21) Nitrobenzene-d5	9.238	128	22813	21.970	ng/ul	0.00
24) 2-Nitrophenol-d4	9.961	143	26831	22.509	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.501	165	52701	22.658	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.019	131	64674	21.337	ng/ul	0.00
46) Dimethylphthalate-d6	14.109	166	158291	20.900	ng/ul	0.00
49) Acenaphthylene-d8	14.403	160	187983	21.154	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.908	143	22889	18.259	ng/ul	0.00
60) Fluorene-d10	15.701	176	135404	21.116	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.819	200	25473	18.731	ng/ul	0.00
73) Anthracene-d10	17.558	188	217474	22.326	ng/ul	-0.01
81) Pyrene-d10	19.843	212	249466	22.358	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.802	264	267494	22.106	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.492	88	6836	7.769	ng/uL#	90
5) Pyridine	3.903	79	44256	18.779	ng/ul#	93
6) Benzaldehyde	7.194	77	44711m	25.141	ng/ul	
8) Phenol	7.246	94	59610	20.163	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.481	93	43273	19.685	ng/ul#	80
12) 2-Chlorophenol	7.628	128	45582	20.669	ng/ul	98
13) 2-Methylphenol	8.510	108	46805	20.784	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.592	45	75609	21.384	ng/ul	99
16) Acetophenone	8.892	105	79258	20.399	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.874	70	41080	20.808	ng/ul	94
18) 4-Methylphenol	8.839	108	47870	20.433	ng/ul	91
19) Hexachloroethane	9.156	117	21304	21.335	ng/ul	89
22) Nitrobenzene	9.274	77	65181	22.259	ng/ul	97
23) Isophorone	9.796	82	112647	22.269	ng/ul	99
25) 2-Nitrophenol	9.990	139	26057	21.427	ng/ul	95
26) 2,4-Dimethylphenol	10.049	107	60403	22.432	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.278	93	60225	22.331	ng/ul#	91
29) 2,4-Dichlorophenol	10.531	162	49556	23.318	ng/ul	96
30) Naphthalene	10.936	128	148201	21.966	ng/ul	97
32) 4-Chloroaniline	11.042	127	62500	20.914	ng/ul	96
33) Hexachlorobutadiene	11.218	225	42029	23.320	ng/ul	96
34) Caprolactam	11.806	113	14255m	19.281	ng/ul	
35) 4-Chloro-3-methylphenol	12.164	107	53161	22.393	ng/ul	93
36) 2-Methylnaphthalene	12.540	142	114522	22.342	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.758	142	111950	21.961	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.905	216	67725	21.895	ng/ul#	98
40) Hexachlorocyclopentadiene	12.887	237	38213	18.602	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	41801	20.892	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.216	196	48073	22.589	ng/ul	89
43) 1,1'-Biphenyl	13.545	154	146913	22.081	ng/ul	97
44) 2-Chloronaphthalene	13.586	162	111557	21.400	ng/ul	92
45) 2-Nitroaniline	13.786	65	41034	21.471	ng/ul	90
47) Dimethylphthalate	14.156	163	148243	21.088	ng/ul	98
48) 2,6-Dinitrotoluene	14.279	165	31251	20.642	ng/ul	91
50) Acenaphthylene	14.432	152	170871	21.620	ng/ul	99
51) 3-Nitroaniline	14.614	138	29902	21.690	ng/ul	97
52) Acenaphthene	14.773	153	122459	21.336	ng/ul	100
53) 2,4-Dinitrophenol	14.820	184	23949	24.961	ng/ul#	84
55) 4-Nitrophenol	14.920	109	30567	19.316	ng/ul	98
56) Dibenzofuran	15.108	168	174230	21.419	ng/ul	97
57) 2,4-Dinitrotoluene	15.067	165	43218	19.782	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.337	232	40226	20.157	ng/ul	95
59) Diethylphthalate	15.519	149	154455	20.440	ng/ul	98
61) Fluorene	15.760	166	145312	21.108	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.748	204	80940	21.387	ng/ul	95
63) 4-Nitroaniline	15.778	138	28654	21.172	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.831	198	24135	18.650	ng/ul#	92
67) N-Nitrosodiphenylamine	15.960	169	123084	22.596	ng/ul	99
68) 4-Bromophenyl-phenylether	16.641	248	54091	22.667	ng/ul	96
69) Hexachlorobenzene	16.765	284	62950	23.293	ng/ul	96
70) Atrazine	16.906	200	54561	21.886	ng/ul	98
71) Pentachlorophenol	17.111	266	32920m	20.410	ng/ul	
72) Phenanthrene	17.505	178	230041	22.044	ng/ul	100
74) Anthracene	17.593	178	236676	22.202	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.510	216	69742	23.895	ng/uL	96
76) Pentachlorobenzene	15.026	250	72839	23.524	ng/uL	96
77) Carbazole	17.863	167	202038	21.246	ng/ul	97
78) Di-n-butylphthalate	18.416	149	249455	20.966	ng/ul	99
80) Fluoranthene	19.509	202	290232	22.366	ng/ul	99
82) Pyrene	19.873	202	286676	22.172	ng/ul	98
83) Butylbenzylphthalate	20.754	149	108674	21.409	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.635	252	117446	23.091	ng/ul	99
85) Benzo(a)anthracene	21.724	228	293762	21.958	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.618	149	164453	22.212	ng/ul	98
87) Chrysene	21.788	228	275092	21.738	ng/ul	100
89) Di-n-octyl phthalate	22.852	149	275424	21.020	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	313659m	21.842	ng/ul	
91) Benzo(k)fluoranthene	24.050	252	307131	21.935	ng/ul	97
93) Benzo(a)pyrene	24.879	252	279760	22.137	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.786	276	352972	21.647	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.856	278	293833	21.757	ng/ul	95
96) Benzo(g,h,i)perylene	29.955	276	293893	21.801	ng/ul	94

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

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