Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049295.D
Acq On : 11 Jul 2021 11:29
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020206

Manual Integrations APPROVED
mohammad
7/12/2021 12:36:14 PM

Quant Time: Jul 12 01:04:42 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	8.074	152	26183	20.000	ng/ul		0.00
20) Naphthalene-d8	10.894	136	111053	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.719	164	82933	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.469	188	201706	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.752	240	201114	20.000	ng/ul		0.00
88) Perylene-d12	25.048	264	206867	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.462	96	3847	6.911	ng/uL		0.00
4) Pyridine-d5	3.885	84	28067	17.149	ng/ul		0.00
7) Phenol-d5	7.228	99	46082	20.233	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	24435	18.498	ng/ul		0.00
11) 2-Chlorophenol-d4	7.598	132	34815	20.683	ng/ul		0.00
15) 4-Methylphenol-d8	8.779	113	36734	20.130	ng/ul		0.00
21) Nitrobenzene-d5	9.237	128	16952	19.893	ng/ul		0.00
24) 2-Nitrophenol-d4	9.966	143	19855	20.296	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.512	165	41780	21.888	ng/ul		0.00
31) 4-Chloroaniline-d4	11.023	131	48262	19.402	ng/ul		0.00
46) Dimethylphthalate-d6	14.114	166	123940	19.432	ng/ul		0.00
49) Acenaphthylene-d8	14.413	160	148161	19.798	ng/ul		0.00
54) 4-Nitrophenol-d4	14.913	143	18869	17.874	ng/ul		0.00
60) Fluorene-d10	15.706	176	106150	19.657	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	12530	9.773	ng/ul		0.00
73) Anthracene-d10	17.569	188	178946	19.486	ng/ul		0.00
81) Pyrene-d10	19.848	212	210949	20.465	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.813	264	217710	20.245	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	4672	6.892	ng/uL	#	74
5) Pyridine	3.908	79	31695	17.456	ng/ul	#	94
6) Benzaldehyde	7.204	77	31091m	22.692	ng/ul		
8) Phenol	7.251	94	46408	20.375	ng/ul	#	91
10) Bis(2-Chloroethyl)ether	7.486	93	31631	18.677	ng/ul		87
12) 2-Chlorophenol	7.633	128	33671	19.817	ng/ul		97
13) 2-Methylphenol	8.514	108	35611	20.525	ng/ul		94
14) 2,2'-oxybis(1-Chloropr...	8.597	45	55624	20.420	ng/ul		99
16) Acetophenone	8.896	105	59283	19.805	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.879	70	31571	20.757	ng/ul		90
18) 4-Methylphenol	8.838	108	38966	21.588	ng/ul		99
19) Hexachloroethane	9.161	117	14828	19.275	ng/ul		90
22) Nitrobenzene	9.278	77	49216	20.479	ng/ul		99
23) Isophorone	9.807	82	83717	20.166	ng/ul	#	96
25) 2-Nitrophenol	10.001	139	19223	19.261	ng/ul		95
26) 2,4-Dimethylphenol	10.054	107	46239	20.924	ng/ul	#	87
27) Bis(2-Chloroethoxy)met...	10.283	93	43745	19.765	ng/ul		95
29) 2,4-Dichlorophenol	10.536	162	38056	21.819	ng/ul		97
30) Naphthalene	10.941	128	112166	20.258	ng/ul		98
32) 4-Chloroaniline	11.047	127	48620	19.825	ng/ul		90
33) Hexachlorobutadiene	11.229	225	30247	20.450	ng/ul		98
34) Caprolactam	11.816	113	12495m	20.594	ng/ul		
35) 4-Chloro-3-methylphenol	12.169	107	44972	23.083	ng/ul		88
36) 2-Methylnaphthalene	12.545	142	83829	19.927	ng/ul		97

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37)	1-Methylnaphthalene	12.768	142	84167	20.119	ng/ul	94
39)	1,2,4,5-Tetrachloroben...	12.909	216	52419	20.124	ng/ul	97
40)	Hexachlorocyclopentadiene	12.892	237	19433	11.233	ng/ul#	92
41)	2,4,6-Trichlorophenol	13.150	196	36031	21.384	ng/ul	95
42)	2,4,5-Trichlorophenol	13.227	196	39015	21.770	ng/ul	89
43)	1,1'-Biphenyl	13.550	154	111492	19.899	ng/ul	98
44)	2-Chloronaphthalene	13.597	162	85141	19.395	ng/ul	98
45)	2-Nitroaniline	13.796	65	34965	21.725	ng/ul	94
47)	Dimethylphthalate	14.161	163	118502	20.017	ng/ul	98
48)	2,6-Dinitrotoluene	14.284	165	25242	19.799	ng/ul	97
50)	Acenaphthylene	14.443	152	136608	20.525	ng/ul	99
51)	3-Nitroaniline	14.613	138	26564	22.881	ng/ul	96
52)	Acenaphthene	14.784	153	95001	19.655	ng/ul	99
53)	2,4-Dinitrophenol	14.825	184	4098m	5.072	ng/ul	
55)	4-Nitrophenol	14.925	109	25704	19.288	ng/ul	93
56)	Dibenzofuran	15.113	168	138925	20.281	ng/ul	96
57)	2,4-Dinitrotoluene	15.071	165	37040	20.133	ng/ul#	96
58)	2,3,4,6-Tetrachlorophenol	15.342	232	32265	19.199	ng/ul	95
59)	Diethylphthalate	15.524	149	125649	19.745	ng/ul	97
61)	Fluorene	15.765	166	118126	20.375	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.753	204	63150	19.814	ng/ul	97
63)	4-Nitroaniline	15.782	138	27681	24.288	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.841	198	12053	9.879	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.965	169	104892	20.425	ng/ul	99
68)	4-Bromophenyl-phenylether	16.652	248	43984	19.551	ng/ul	98
69)	Hexachlorobenzene	16.775	284	50825	19.948	ng/ul	93
70)	Atrazine	16.916	200	45404	19.318	ng/ul	98
71)	Pentachlorophenol	17.122	266	13093m	8.610	ng/ul	
72)	Phenanthrene	17.510	178	194244	19.744	ng/ul	97
74)	Anthracene	17.604	178	200391	19.939	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.520	216	56183	20.418	ng/uL	94
76)	Pentachlorobenzene	15.036	250	56528	19.365	ng/uL	94
77)	Carbazole	17.868	167	178127	19.868	ng/ul	100
78)	Di-n-butylphthalate	18.420	149	216617	19.311	ng/ul	98
80)	Fluoranthene	19.519	202	246079	20.527	ng/ul	98
82)	Pyrene	19.878	202	240198	20.109	ng/ul	99
83)	Butylbenzylphthalate	20.759	149	95189	20.298	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.640	252	93528	19.904	ng/ul	98
85)	Benzo(a)anthracene	21.728	228	240039	19.422	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.628	149	132046	19.305	ng/ul	100
87)	Chrysene	21.799	228	231061	19.764	ng/ul	99
89)	Di-n-octyl phthalate	22.862	149	232490	19.966	ng/ul	100
90)	Benzo(b)fluoranthene	23.996	252	248407	19.465	ng/ul	99
91)	Benzo(k)fluoranthene	24.061	252	246168	19.783	ng/ul	96
93)	Benzo(a)pyrene	24.889	252	220949	19.673	ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	28.808	276	290356	20.038	ng/ul	94
95)	Dibenzo(a,h)anthracene	28.867	278	242386	20.195	ng/ul	95
96)	Benzo(g,h,i)perylene	29.977	276	239516	19.992	ng/ul#	92

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

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