Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050073.D
Acq On : 31 Aug 2021 21:14
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020505

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:07 PM

Quant Time: Sep 01 01:01:41 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	7.960	152	32242	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	132319	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	89134	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	187195	20.000	ng/ul	0.00
79) Chrysene-d12	21.653	240	176335	20.000	ng/ul	0.00
88) Perylene-d12	24.884	264	177400	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	5874	9.395	ng/uL	0.00
4) Pyridine-d5	3.748	84	37021	19.657	ng/ul	0.00
7) Phenol-d5	7.132	99	58807	21.479	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	32423	21.316	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	45648	22.283	ng/ul	0.00
15) 4-Methylphenol-d8	8.683	113	45924	21.298	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	23316	22.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	27673	22.655	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.410	165	49575	22.754	ng/ul	0.00
31) 4-Chloroaniline-d4	10.921	131	63131	21.289	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	147036	21.555	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	180249	22.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	18342	18.585	ng/ul	0.00
60) Fluorene-d10	15.615	176	126316	21.840	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	22499	18.682	ng/ul	0.00
73) Anthracene-d10	17.477	188	193283	22.993	ng/ul	0.00
81) Pyrene-d10	19.768	212	212765	22.328	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.655	264	206410	21.931	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	6105	8.009	ng/uL	95
5) Pyridine	3.766	79	42825	21.039	ng/ul	91
6) Benzaldehyde	7.097	77	19372	12.296	ng/ul	99
8) Phenol	7.161	94	58373	21.108	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.379	93	42113	22.060	ng/ul	94
12) 2-Chlorophenol	7.526	128	45742	22.596	ng/ul#	86
13) 2-Methylphenol	8.418	108	46040	21.579	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.495	45	42161	21.061	ng/ul#	91
16) Acetophenone	8.789	105	73744	20.971	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.765	70	38204	21.637	ng/ul	99
18) 4-Methylphenol	8.747	108	47825	20.837	ng/ul	91
19) Hexachloroethane	9.041	117	20909	23.602	ng/ul	98
22) Nitrobenzene	9.176	77	60351	21.712	ng/ul	98
23) Isophorone	9.699	82	104426	21.085	ng/ul	97
25) 2-Nitrophenol	9.893	139	25738	21.673	ng/ul	95
26) 2,4-Dimethylphenol	9.952	107	58196	22.050	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	56169	21.963	ng/ul	96
29) 2,4-Dichlorophenol	10.439	162	45857	22.932	ng/ul	90
30) Naphthalene	10.833	128	142979	21.619	ng/ul	97
32) 4-Chloroaniline	10.944	127	62768	21.978	ng/ul	92
33) Hexachlorobutadiene	11.109	225	34897	21.572	ng/ul	95
34) Caprolactam	11.714	113	14949m	21.342	ng/ul	
35) 4-Chloro-3-methylphenol	12.084	107	53597	22.427	ng/ul	98
36) 2-Methylnaphthalene	12.442	142	110657	22.508	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.660	142	106743	21.510	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.813	216	63188	24.136	ng/ul#	97
40) Hexachlorocyclopentadiene	12.783	237	15750	13.442	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.059	196	36984	22.168	ng/ul	97
42) 2,4,5-Trichlorophenol	13.147	196	37941	21.698	ng/ul	90
43) 1,1'-Biphenyl	13.453	154	138818	22.292	ng/ul	97
44) 2-Chloronaphthalene	13.500	162	110099	22.011	ng/ul	95
45) 2-Nitroaniline	13.705	65	36255	21.348	ng/ul	90
47) Dimethylphthalate	14.070	163	140065	20.747	ng/ul	99
48) 2,6-Dinitrotoluene	14.199	165	30220	21.682	ng/ul	97
50) Acenaphthylene	14.346	152	163047	22.304	ng/ul	96
51) 3-Nitroaniline	14.534	138	24222	18.009	ng/ul	99
52) Acenaphthene	14.686	153	117577	22.172	ng/ul	96
53) 2,4-Dinitrophenol	14.763	184	12102	17.000	ng/ul#	73
55) 4-Nitrophenol	14.863	109	21886	17.490	ng/ul	94
56) Dibenzofuran	15.021	168	160539	21.861	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	42987	21.441	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.262	232	31963	22.059	ng/ul#	90
59) Diethylphthalate	15.432	149	143193	20.734	ng/ul	98
61) Fluorene	15.673	166	135435	21.860	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.662	204	71075	21.682	ng/ul	99
63) 4-Nitroaniline	15.697	138	21357	15.912	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.773	198	20363	18.654	ng/ul#	97
67) N-Nitrosodiphenylamine	15.879	169	116148	23.567	ng/ul	98
68) 4-Bromophenyl-phenylether	16.554	248	49895	24.094	ng/ul	98
69) Hexachlorobenzene	16.684	284	54987	22.995	ng/ul	98
70) Atrazine	16.825	200	48273	22.048	ng/ul	97
71) Pentachlorophenol	17.042	266	19487	19.245	ng/ul#	85
72) Phenanthrene	17.418	178	217300	23.285	ng/ul	99
74) Anthracene	17.512	178	222000	23.475	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.423	216	60535	24.103	ng/uL	93
76) Pentachlorobenzene	14.945	250	63575	23.889	ng/uL	98
77) Carbazole	17.782	167	192362	22.859	ng/ul	99
78) Di-n-butylphthalate	18.329	149	235538	21.885	ng/ul	98
80) Fluoranthene	19.433	202	266520	22.666	ng/ul#	98
82) Pyrene	19.797	202	263701	22.631	ng/ul	98
83) Butylbenzylphthalate	20.672	149	103720	22.557	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.542	252	78950	18.888	ng/ul	98
85) Benzo(a)anthracene	21.636	228	242315	22.054	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.518	149	140726	22.285	ng/ul	97
87) Chrysene	21.700	228	232651	22.400	ng/ul	96
89) Di-n-octyl phthalate	22.723	149	229646	21.821	ng/ul	100
90) Benzo(b)fluoranthene	23.850	252	247738m	21.832	ng/ul	
91) Benzo(k)fluoranthene	23.915	252	232545	21.559	ng/ul	98
93) Benzo(a)pyrene	24.726	252	217072	22.027	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.579	276	281964m	21.690	ng/ul	
95) Dibenzo(a,h)anthracene	28.626	278	229671	21.104	ng/ul	97
96) Benzo(g,h,i)perylene	29.737	276	226321	20.708	ng/ul	96

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

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