Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049769.D
Acq On : 11 Aug 2021 00:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020486

Manual Integrations APPROVED
mohammad
8/11/2021 9:33:19 PM

Quant Time: Aug 11 04:54:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	30813	20.000	ng/ul		0.00
20) Naphthalene-d8	10.856	136	132004	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.686	164	88718	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.441	188	183311	20.000	ng/ul		0.00
79) Chrysene-d12	21.718	240	157497	20.000	ng/ul	#	0.00
88) Perylene-d12	24.996	264	163155	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.413	96	5043	7.652	ng/uL		0.00
4) Pyridine-d5	3.836	84	35108	17.752	ng/ul		0.00
7) Phenol-d5	7.197	99	54350	19.435	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	30826	19.191	ng/ul		0.00
11) 2-Chlorophenol-d4	7.567	132	40267	20.118	ng/ul		0.00
15) 4-Methylphenol-d8	8.747	113	43856	20.568	ng/ul		0.00
21) Nitrobenzene-d5	9.206	128	21028	20.223	ng/ul		0.00
24) 2-Nitrophenol-d4	9.934	143	25292	21.298	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.480	165	44885	20.046	ng/ul		0.00
31) 4-Chloroaniline-d4	10.991	131	58895	19.213	ng/ul		0.00
46) Dimethylphthalate-d6	14.087	166	136705	19.635	ng/ul		0.00
49) Acenaphthylene-d8	14.381	160	162848	19.660	ng/ul		0.00
54) 4-Nitrophenol-d4	14.898	143	20030m	17.794	ng/ul		0.00
60) Fluorene-d10	15.679	176	116677	19.496	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	23652	19.171	ng/ul		0.00
73) Anthracene-d10	17.535	188	175922m	20.331	ng/ul		0.00
81) Pyrene-d10	19.826	212	183668	21.165	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.767	264	185469	20.746	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	5053m	6.327	ng/uL		
5) Pyridine	3.860	79	37426	17.069	ng/ul		95
6) Benzaldehyde	7.167	77	27912m	18.728	ng/ul		
8) Phenol	7.220	94	54349	19.617	ng/ul		96
10) Bis(2-Chloroethyl)ether	7.449	93	39203	20.396	ng/ul		93
12) 2-Chlorophenol	7.602	128	42296	21.131	ng/ul		95
13) 2-Methylphenol	8.483	108	44512	20.519	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.559	45	42510	19.351	ng/ul	#	91
16) Acetophenone	8.859	105	73719	20.832	ng/ul		88
17) N-Nitroso-di-n-propyla...	8.841	70	36807	19.347	ng/ul		97
18) 4-Methylphenol	8.812	108	46124	20.352	ng/ul		87
19) Hexachloroethane	9.123	117	20430	23.016	ng/ul		88
22) Nitrobenzene	9.247	77	62251	20.188	ng/ul		98
23) Isophorone	9.770	82	107352	20.588	ng/ul		97
25) 2-Nitrophenol	9.963	139	26118	21.472	ng/ul	#	93
26) 2,4-Dimethylphenol	10.022	107	56723	20.207	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.251	93	53937	20.416	ng/ul	#	91
29) 2,4-Dichlorophenol	10.504	162	44018	20.784	ng/ul		92
30) Naphthalene	10.909	128	144902	21.020	ng/ul		97
32) 4-Chloroaniline	11.015	127	55543	18.935	ng/ul		88
33) Hexachlorobutadiene	11.191	225	34921	20.074	ng/ul		92
34) Caprolactam	11.773	113	13802m	20.384	ng/ul		
35) 4-Chloro-3-methylphenol	12.143	107	49915	20.337	ng/ul		93
36) 2-Methylnaphthalene	12.513	142	101995	19.323	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	98315	19.141	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.883	216	58675	21.295	ng/ul#	95
40) Hexachlorocyclopentadiene	12.854	237	28268	17.394	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.124	196	37183	21.088	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.200	196	37789	19.974	ng/ul	93
43) 1,1'-Biphenyl	13.517	154	134626	20.371	ng/ul	98
44) 2-Chloronaphthalene	13.564	162	109219	21.111	ng/ul	95
45) 2-Nitroaniline	13.770	65	35178	19.314	ng/ul	97
47) Dimethylphthalate	14.134	163	140835	20.380	ng/ul	97
48) 2,6-Dinitrotoluene	14.258	165	29034	20.571	ng/ul	98
50) Acenaphthylene	14.410	152	160601	20.550	ng/ul	99
51) 3-Nitroaniline	14.592	138	23464	18.674	ng/ul#	87
52) Acenaphthene	14.751	153	116212	20.819	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	15521	19.960	ng/ul#	85
55) 4-Nitrophenol	14.910	109	26774	18.188	ng/ul	92
56) Dibenzofuran	15.086	168	155020	20.018	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	39693	19.497	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.315	232	32309	20.724	ng/ul#	89
59) Diethylphthalate	15.497	149	144483	20.736	ng/ul	98
61) Fluorene	15.738	166	128976	20.481	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.726	204	68950	20.111	ng/ul	96
63) 4-Nitroaniline	15.756	138	23501	20.004	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.820	198	25112	21.721	ng/ul#	95
67) N-Nitrosodiphenylamine	15.938	169	105127	20.808	ng/ul	96
68) 4-Bromophenyl-phenylether	16.625	248	45807	21.482	ng/ul	92
69) Hexachlorobenzene	16.742	284	52172	21.614	ng/ul	96
70) Atrazine	16.883	200	47211	21.242	ng/ul	93
71) Pentachlorophenol	17.089	266	22929	19.834	ng/ul	98
72) Phenanthrene	17.483	178	200067	20.621	ng/ul	99
74) Anthracene	17.571	178	205432	21.167	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.488	216	58122	21.586	ng/uL	98
76) Pentachlorobenzene	15.009	250	59155	20.832	ng/uL	96
77) Carbazole	17.841	167	170021	19.604	ng/ul	98
78) Di-n-butylphthalate	18.393	149	220232	20.769	ng/ul	98
80) Fluoranthene	19.492	202	235747	22.013	ng/ul	98
82) Pyrene	19.856	202	234901	21.991	ng/ul	98
83) Butylbenzylphthalate	20.731	149	90602	22.257	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.612	252	68928	18.486	ng/ul#	98
85) Benzo(a)anthracene	21.700	228	215717	20.861	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.589	149	128930	21.622	ng/ul	98
87) Chrysene	21.771	228	201558	20.871	ng/ul	99
89) Di-n-octyl phthalate	22.817	149	211606	20.793	ng/ul	100
90) Benzo(b)fluoranthene	23.950	252	222300	20.846	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	214436	20.252	ng/ul	99
93) Benzo(a)pyrene	24.843	252	201623	21.477	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.744	276	254172	20.631	ng/ul	98
95) Dibenzo(a,h)anthracene	28.803	278	214566m	20.877	ng/ul	
96) Benzo(g,h,i)perylene	29.913	276	211737	20.668	ng/ul	99

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

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