Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082021\
Data File : BG049912.D
Acq On : 20 Aug 2021 16:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020494

Manual Integrations APPROVED
mohammad
8/23/2021 12:25:54 PM

Quant Time: Aug 20 17:10:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 10:07:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	27122	20.000	ng/ul		0.00
20) Naphthalene-d8	10.797	136	107620	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.633	164	75110	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.388	188	178225	20.000	ng/ul		0.00
79) Chrysene-d12	21.659	240	182246	20.000	ng/ul		0.00
88) Perylene-d12	24.890	264	177788	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.342	96	3936	7.483	ng/uL		0.00
4) Pyridine-d5	3.771	84	26353	16.634	ng/ul		0.00
7) Phenol-d5	7.143	99	40118	17.419	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	23605	18.448	ng/ul		-0.01
11) 2-Chlorophenol-d4	7.507	132	30478	17.686	ng/ul		0.00
15) 4-Methylphenol-d8	8.694	113	32181	17.742	ng/ul		0.00
21) Nitrobenzene-d5	9.152	128	16868	20.217	ng/ul		0.00
24) 2-Nitrophenol-d4	9.875	143	18410	18.531	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.427	165	33885	19.122	ng/ul		0.00
31) 4-Chloroaniline-d4	10.932	131	44945	18.635	ng/ul		0.00
46) Dimethylphthalate-d6	14.034	166	113377	19.724	ng/ul		0.00
49) Acenaphthylene-d8	14.328	160	129371	19.195	ng/ul		0.00
54) 4-Nitrophenol-d4	14.845	143	15532	18.676	ng/ul		-0.01
60) Fluorene-d10	15.626	176	98183	20.145	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.761	200	20413	17.803	ng/ul		0.00
73) Anthracene-d10	17.488	188	151776	18.964	ng/ul		0.00
81) Pyrene-d10	19.779	212	181183	18.397	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.661	264	180411	19.127	ng/ul		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.378	88	5182	8.082	ng/uL	#	95
5) Pyridine	3.789	79	30949	18.075	ng/ul		96
6) Benzaldehyde	7.114	77	30282	22.848	ng/ul		96
8) Phenol	7.173	94	40278	17.314	ng/ul		94
10) Bis(2-Chloroethyl)ether	7.390	93	29084	18.111	ng/ul		97
12) 2-Chlorophenol	7.537	128	31300	18.381	ng/ul	#	84
13) 2-Methylphenol	8.430	108	30951	17.246	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.512	45	30610	18.177	ng/ul	#	96
16) Acetophenone	8.806	105	54359	18.377	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.782	70	27468	18.493	ng/ul		93
18) 4-Methylphenol	8.759	108	33001	17.092	ng/ul		83
19) Hexachloroethane	9.064	117	13518	18.139	ng/ul		95
22) Nitrobenzene	9.193	77	43001	19.020	ng/ul		99
23) Isophorone	9.716	82	77283	19.186	ng/ul		96
25) 2-Nitrophenol	9.904	139	18412	19.062	ng/ul		92
26) 2,4-Dimethylphenol	9.969	107	41106	19.149	ng/ul		95
27) Bis(2-Chloroethoxy)met...	10.198	93	39956	19.209	ng/ul		96
29) 2,4-Dichlorophenol	10.450	162	32817	20.178	ng/ul		97
30) Naphthalene	10.850	128	101683	18.903	ng/ul	#	94
32) 4-Chloroaniline	10.956	127	45579	19.622	ng/ul	#	83
33) Hexachlorobutadiene	11.126	225	25380	19.290	ng/ul		97
34) Caprolactam	11.713	113	11235m	19.720	ng/ul		
35) 4-Chloro-3-methylphenol	12.089	107	38504	19.809	ng/ul		98
36) 2-Methylnaphthalene	12.460	142	76602	19.157	ng/ul		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	77584	19.222	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.830	216	42394	19.217	ng/ul#	95
40) Hexachlorocyclopentadiene	12.800	237	19459	19.709	ng/ul	99
41) 2,4,6-Trichlorophenol	13.070	196	25726	18.299	ng/ul	94
42) 2,4,5-Trichlorophenol	13.153	196	29237	19.843	ng/ul	96
43) 1,1'-Biphenyl	13.464	154	101913	19.421	ng/ul	99
44) 2-Chloronaphthalene	13.511	162	80144	19.014	ng/ul	97
45) 2-Nitroaniline	13.717	65	28162	19.679	ng/ul	96
47) Dimethylphthalate	14.081	163	112869	19.840	ng/ul	98
48) 2,6-Dinitrotoluene	14.210	165	24172	20.581	ng/ul#	90
50) Acenaphthylene	14.357	152	120455	19.554	ng/ul	97
51) 3-Nitroaniline	14.539	138	23004	20.297	ng/ul	93
52) Acenaphthene	14.698	153	87060	19.483	ng/ul	95
53) 2,4-Dinitrophenol	14.762	184	9313	15.525	ng/ul#	73
55) 4-Nitrophenol	14.862	109	19500	18.493	ng/ul#	80
56) Dibenzofuran	15.033	168	119652	19.336	ng/ul	97
57) 2,4-Dinitrotoluene	15.003	165	33797	20.005	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.268	232	25179	20.622	ng/ul#	90
59) Diethylphthalate	15.444	149	117172	20.134	ng/ul	96
61) Fluorene	15.685	166	102083	19.553	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.673	204	53176	19.250	ng/ul	99
63) 4-Nitroaniline	15.708	138	23618	20.883	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.773	198	18582	17.879	ng/ul	96
67) N-Nitrosodiphenylamine	15.890	169	88110	18.778	ng/ul	97
68) 4-Bromophenyl-phenylether	16.572	248	37327	18.933	ng/ul	96
69) Hexachlorobenzene	16.695	284	41764	18.344	ng/ul	95
70) Atrazine	16.836	200	41358	19.840	ng/ul	97
71) Pentachlorophenol	17.047	266	17793	18.457	ng/ul	96
72) Phenanthrene	17.429	178	175486	19.751	ng/ul	99
74) Anthracene	17.523	178	176114	19.560	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.435	216	43623	18.243	ng/uL	93
76) Pentachlorobenzene	14.956	250	47127	18.600	ng/uL	96
77) Carbazole	17.794	167	155030	19.350	ng/ul	99
78) Di-n-butylphthalate	18.340	149	200116	19.530	ng/ul	98
80) Fluoranthene	19.444	202	226266	18.618	ng/ul	99
82) Pyrene	19.803	202	223436	18.554	ng/ul	99
83) Butylbenzylphthalate	20.678	149	88507	18.624	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.553	252	83669	19.367	ng/ul	92
85) Benzo(a)anthracene	21.641	228	213464	18.798	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.530	149	124026	19.004	ng/ul#	97
87) Chrysene	21.706	228	207032	19.286	ng/ul	94
89) Di-n-octyl phthalate	22.740	149	206399	19.570	ng/ul	100
90) Benzo(b)fluoranthene	23.856	252	224595	19.749	ng/ul	98
91) Benzo(k)fluoranthene	23.921	252	215350	19.921	ng/ul	98
93) Benzo(a)pyrene	24.737	252	194844	19.728	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.579	276	245661	18.856	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.626	278	202112	18.532	ng/ul	98
96) Benzo(g,h,i)perylene	29.724	276	204746	18.693	ng/ul	94

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

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