Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050106.D
Acq On : 2 Sep 2021 21:12
Operator : CG/JU
Sample : M3526-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7A9MSD

Manual Integrations APPROVED
mohammad
9/3/2021 3:31:54 PM

Quant Time: Sep 03 00:58:47 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	7.952	152	27654	20.000	ng/ul	0.00
20) Naphthalene-d8	10.771	136	112534	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.613	164	75975	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	152345	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.639	240	146372	20.000	ng/ul	0.00
88) Perylene-d12	24.864	264	152035	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1712m	3.192	ng/uL	0.00
4) Pyridine-d5	3.745	84	13565	8.398	ng/ul	0.00
7) Phenol-d5	7.123	99	39499	16.820	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	23603m	18.092	ng/ul	0.00
11) 2-Chlorophenol-d4	7.482	132	29372	16.716	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	29480	15.940	ng/ul	0.00
21) Nitrobenzene-d5	9.121	128	16718	19.162	ng/ul	0.00
24) 2-Nitrophenol-d4	9.855	143	18304	17.619	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	33777	18.229	ng/ul	0.00
31) 4-Chloroaniline-d4	10.912	131	39964	15.846	ng/ul	0.00
46) Dimethylphthalate-d6	14.014	166	110621	19.025	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	132425	19.424	ng/ul	0.00
54) 4-Nitrophenol-d4	14.848	143	12625	15.008	ng/ul	0.00
60) Fluorene-d10	15.612	176	93644	18.995	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	20004	20.410	ng/ul	0.00
73) Anthracene-d10	17.468	188	152848	22.343	ng/ul	0.00
81) Pyrene-d10	19.759	212	174927	22.115	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.641	264	156194	19.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	5545m	8.482	ng/uL	
5) Pyridine	3.763	79	25232	14.453	ng/ul#	90
6) Benzaldehyde	7.088	77	31502	23.312	ng/ul	93
8) Phenol	7.147	94	48736	20.547	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.364	93	36047	22.015	ng/ul	97
12) 2-Chlorophenol	7.517	128	38459	22.151	ng/ul#	92
13) 2-Methylphenol	8.404	108	35708	19.513	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.480	45	36085	21.016	ng/ul#	95
16) Acetophenone	8.780	105	65902	21.850	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.762	70	32369	21.374	ng/ul	94
18) 4-Methylphenol	8.739	108	38582	19.598	ng/ul#	74
19) Hexachloroethane	9.032	117	16626	21.881	ng/ul	89
22) Nitrobenzene	9.168	77	52629	22.262	ng/ul	93
23) Isophorone	9.685	82	90821	21.562	ng/ul	98
25) 2-Nitrophenol	9.884	139	21674	21.459	ng/ul#	92
26) 2,4-Dimethylphenol	9.943	107	24534	10.930	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.172	93	46979	21.599	ng/ul	98
29) 2,4-Dichlorophenol	10.431	162	38980	22.920	ng/ul	96
30) Naphthalene	10.818	128	128662	22.874	ng/ul	100
32) 4-Chloroaniline	10.936	127	46685	19.221	ng/ul	93
33) Hexachlorobutadiene	11.100	225	31270	22.729	ng/ul	92
34) Caprolactam	11.699	113	11871m	19.927	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	43629	21.465	ng/ul	98
36) 2-Methylnaphthalene	12.434	142	99676	23.839	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.651	142	92946	22.023	ng/ul	91
39)	1,2,4,5-Tetrachloroben...	12.804	216	50862	22.793	ng/ul#	95
40)	Hexachlorocyclopentadiene	12.774	237	3057	3.061	ng/ul#	96
41)	2,4,6-Trichlorophenol	13.051	196	31649	22.256	ng/ul	97
42)	2,4,5-Trichlorophenol	13.133	196	33414	22.419	ng/ul	91
43)	1,1'-Biphenyl	13.444	154	123553	23.277	ng/ul	99
44)	2-Chloronaphthalene	13.491	162	96889	22.725	ng/ul	95
45)	2-Nitroaniline	13.697	65	31964	22.082	ng/ul	96
47)	Dimethylphthalate	14.061	163	129224	22.457	ng/ul#	99
48)	2,6-Dinitrotoluene	14.190	165	26911	22.652	ng/ul	91
50)	Acenaphthylene	14.337	152	147990	23.751	ng/ul	97
51)	3-Nitroaniline	14.525	138	24940	21.755	ng/ul#	91
52)	Acenaphthene	14.678	153	103976	23.004	ng/ul	93
53)	2,4-Dinitrophenol	14.754	184	10556	17.397	ng/ul#	84
55)	4-Nitrophenol	14.860	109	22674	21.258	ng/ul	95
56)	Dibenzofuran	15.013	168	143793	22.972	ng/ul	99
57)	2,4-Dinitrotoluene	14.989	165	43339	25.361	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.253	232	29964	24.261	ng/ul#	94
59)	Diethylphthalate	15.424	149	137394	23.340	ng/ul	97
61)	Fluorene	15.665	166	122105	23.122	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.653	204	63858	22.854	ng/ul	96
63)	4-Nitroaniline	15.694	138	25493	22.284	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.765	198	22204	24.994	ng/ul	98
67)	N-Nitrosodiphenylamine	15.870	169	108417	27.031	ng/ul	95
68)	4-Bromophenyl-phenylether	16.552	248	45482	26.988	ng/ul	97
69)	Hexachlorobenzene	16.681	284	48445	24.894	ng/ul	95
70)	Atrazine	16.822	200	53462	30.004	ng/ul	99
71)	Pentachlorophenol	17.033	266	14028m	17.023	ng/ul	
72)	Phenanthrene	17.409	178	243569	32.070	ng/ul	99
74)	Anthracene	17.503	178	205085	26.647	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.415	216	53788	26.316	ng/uL	95
76)	Pentachlorobenzene	14.936	250	54726	25.268	ng/uL	93
77)	Carbazole	17.774	167	187690	27.406	ng/ul	98
78)	Di-n-butylphthalate	18.320	149	239900	27.390	ng/ul	99
80)	Fluoranthene	19.424	202	310977	31.860	ng/ul	98
82)	Pyrene	19.788	202	274820	28.414	ng/ul	99
83)	Butylbenzylphthalate	20.664	149	101720	26.650	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.533	252	68159	19.644	ng/ul#	98
85)	Benzo(a)anthracene	21.621	228	269369	29.535	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.510	149	143718	27.418	ng/ul	99
87)	Chrysene	21.686	228	259082	30.051	ng/ul	99
89)	Di-n-octyl phthalate	22.714	149	245483	27.218	ng/ul	100
90)	Benzo(b)fluoranthene	23.836	252	287291	29.541	ng/ul	100
91)	Benzo(k)fluoranthene	23.906	252	260101	28.137	ng/ul	99
93)	Benzo(a)pyrene	24.705	252	196458	23.261	ng/ul#	98
94)	Indeno(1,2,3-cd)pyrene	28.553	276	282384m	25.346	ng/ul	
95)	Dibenzo(a,h)anthracene	28.600	278	252504	27.074	ng/ul#	97
96)	Benzo(g,h,i)perylene	29.704	276	27897m	2.978	ng/ul	

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

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