Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049772.D
Acq On : 11 Aug 2021 2:03
Operator : CG/JU
Sample : M3244-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JCE05MSD

Manual Integrations APPROVED
mohammad
8/11/2021 9:33:39 PM

Quant Time: Aug 11 05:02:58 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	8.039	152	32300	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.859	136	129556	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.689	164	86197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.438	188	162410	20.000	ng/ul	0.00
79) Chrysene-d12	21.721	240	147120	20.000	ng/ul	0.00
88) Perylene-d12	24.999	264	149652	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	1583	2.291	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.199	99	39546	13.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	22916	13.610	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	30150	14.370	ng/ul	0.00
15) 4-Methylphenol-d8	8.750	113	24443	10.936	ng/ul	0.00
21) Nitrobenzene-d5	9.202	128	16562	16.229	ng/ul	0.00
24) 2-Nitrophenol-d4	9.931	143	19683	16.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	35426	16.120	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	3436	1.142	ng/ul	0.00
46) Dimethylphthalate-d6	14.084	166	114255	16.891	ng/ul	0.00
49) Acenaphthylene-d8	14.378	160	140315	17.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.906	143	11253	10.289	ng/ul	0.00
60) Fluorene-d10	15.682	176	100297	17.249	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	16006	14.643	ng/ul	0.00
73) Anthracene-d10	17.538	188	117714	15.355	ng/ul	0.00
81) Pyrene-d10	19.829	212	149463	18.438	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	133287	16.255	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.451	88	3401m	4.062	ng/uL	
6) Benzaldehyde	7.164	77	36589m	23.420	ng/ul	
8) Phenol	7.223	94	43295	14.908	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.446	93	29346	14.565	ng/ul	97
12) 2-Chlorophenol	7.599	128	31284	14.910	ng/ul	93
13) 2-Methylphenol	8.486	108	26849	11.807	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.556	45	33572	14.579	ng/ul#	86
16) Acetophenone	8.862	105	59938	16.158	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.838	70	31131	15.610	ng/ul	92
18) 4-Methylphenol	8.815	108	30694	12.920	ng/ul	85
19) Hexachloroethane	9.126	117	15772	16.950	ng/ul#	84
22) Nitrobenzene	9.249	77	49483	16.351	ng/ul	97
23) Isophorone	9.772	82	86200	16.843	ng/ul	98
25) 2-Nitrophenol	9.966	139	20962	17.559	ng/ul#	91
26) 2,4-Dimethylphenol	10.025	107	5488	1.992	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.254	93	43030	16.596	ng/ul	98
29) 2,4-Dichlorophenol	10.506	162	37449	18.016	ng/ul#	93
30) Naphthalene	10.906	128	117046	17.300	ng/ul	99
32) 4-Chloroaniline	11.018	127	5070m	1.761	ng/ul	
33) Hexachlorobutadiene	11.188	225	28711	16.816	ng/ul	88
34) Caprolactam	11.781	113	7794m	11.728	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	41199	17.103	ng/ul	87
36) 2-Methylnaphthalene	12.515	142	89197	17.218	ng/ul	97
37) 1-Methylnaphthalene	12.733	142	87250	17.308	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.880	216	49829	18.613	ng/ul	94
40) Hexachlorocyclopentadiene	12.856	237	15952	10.103	ng/ul	97
41) 2,4,6-Trichlorophenol	13.121	196	33616	19.623	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.203	196	36613	19.918	ng/ul	88
43) 1,1'-Biphenyl	13.520	154	117253	18.261	ng/ul	98
44) 2-Chloronaphthalene	13.561	162	91101	18.124	ng/ul	94
45) 2-Nitroaniline	13.767	65	31534	17.820	ng/ul	90
47) Dimethylphthalate	14.131	163	121673	18.122	ng/ul	100
48) 2,6-Dinitrotoluene	14.260	165	24530	17.888	ng/ul	99
50) Acenaphthylene	14.413	152	133823	17.624	ng/ul	99
51) 3-Nitroaniline	14.595	138	8537m	6.993	ng/ul	
52) Acenaphthene	14.754	153	97293	17.939	ng/ul	96
53) 2,4-Dinitrophenol	14.812	184	10643	14.087	ng/ul	86
55) 4-Nitrophenol	14.912	109	19569	13.682	ng/ul	90
56) Dibenzofuran	15.088	168	135384	17.994	ng/ul	96
57) 2,4-Dinitrotoluene	15.053	165	34190	17.285	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.318	232	29996	19.803	ng/ul#	94
59) Diethylphthalate	15.494	149	121256	17.912	ng/ul#	94
61) Fluorene	15.735	166	110459	18.054	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.723	204	59663	17.911	ng/ul	98
63) 4-Nitroaniline	15.752	138	10048	8.803	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.823	198	15975	15.596	ng/ul	91
67) N-Nitrosodiphenylamine	15.940	169	81278	18.158	ng/ul	89
68) 4-Bromophenyl-phenylether	16.622	248	38943	20.614	ng/ul	97
69) Hexachlorobenzene	16.751	284	43264	20.230	ng/ul	98
70) Atrazine	16.892	200	33538	17.032	ng/ul	91
71) Pentachlorophenol	17.098	266	21313	20.809	ng/ul	92
72) Phenanthrene	17.485	178	161764	18.818	ng/ul	99
74) Anthracene	17.573	178	140052	16.287	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.491	216	49994	20.957	ng/uL	97
76) Pentachlorobenzene	15.012	250	53578	21.296	ng/uL	90
77) Carbazole	17.844	167	141690	18.439	ng/ul	96
78) Di-n-butylphthalate	18.390	149	184464	19.635	ng/ul	98
80) Fluoranthene	19.494	202	186492	18.642	ng/ul	99
82) Pyrene	19.858	202	183590	18.400	ng/ul	99
83) Butylbenzylphthalate	20.734	149	75864	19.951	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.638	252	929m	0.267	ng/ul	
85) Benzo(a)anthracene	21.703	228	177920	18.420	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.591	149	107630	19.323	ng/ul	99
87) Chrysene	21.768	228	173761	19.261	ng/ul	97
89) Di-n-octyl phthalate	22.819	149	176233	18.879	ng/ul	100
90) Benzo(b)fluoranthene	23.953	252	187521m	19.171	ng/ul	
91) Benzo(k)fluoranthene	24.023	252	183948	18.940	ng/ul	99
93) Benzo(a)pyrene	24.846	252	153756	17.856	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.746	276	216282	19.140	ng/ul	98
95) Dibenzo(a,h)anthracene	28.823	278	185373	19.664	ng/ul#	98
96) Benzo(g,h,i)perylene	29.939	276	165256	17.586	ng/ul	94

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

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