Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050182.D
Acq On : 8 Sep 2021 2:09
Operator : CG/JU
Sample : M3573-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQK5MS

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:23 AM

Quant Time: Sep 08 09:33:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	30120	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.765	136	112831	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.607	164	74963	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	163197	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.633	240	176390	20.000	ng/ul	0.00
88) Perylene-d12	24.852	264	182762	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	4416	7.248	ng/uL	0.00
4) Pyridine-d5	3.745	84	24569	11.361	ng/ul	0.00
7) Phenol-d5	7.123	99	17602	7.527	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	42122	30.841	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	45446	23.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.668	113	43187	23.487	ng/ul	-0.01
21) Nitrobenzene-d5	9.120	128	38764	50.053	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	31637	33.595	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	56840	31.624	ng/ul	0.00
31) 4-Chloroaniline-d4	10.906	131	70186	31.695	ng/ul	-0.01
46) Dimethylphthalate-d6	14.014	166	219740	38.821	ng/ul	0.00
49) Acenaphthylene-d8	14.302	160	239863	35.589	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.854	143	6357m	9.308	ng/ul	0.00
60) Fluorene-d10	15.606	176	182103	38.746	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.747	200	40482	41.122	ng/ul	0.00
73) Anthracene-d10	17.462	188	300029	40.953	ng/ul	0.00
81) Pyrene-d10	19.753	212	375146	42.698	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.629	264	378288	39.100	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	6830	9.845	ng/uL#	87
5) Pyridine	3.763	79	30700	13.506	ng/ul#	89
6) Benzaldehyde	7.082	77	58075	44.798	ng/ul	97
8) Phenol	7.147	94	20575	8.934	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.364	93	60435	35.395	ng/ul	99
12) 2-Chlorophenol	7.517	128	48618	25.707	ng/ul#	89
13) 2-Methylphenol	8.410	108	46162	24.904	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.474	45	67784	39.336	ng/ul	99
16) Acetophenone	8.780	105	117717	43.513	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.756	70	67106	46.516	ng/ul	92
18) 4-Methylphenol	8.739	108	45957	26.104	ng/ul	85
19) Hexachloroethane	9.032	117	34103	43.229	ng/ul	97
22) Nitrobenzene	9.161	77	98973	49.071	ng/ul	99
23) Isophorone	9.684	82	157625	40.926	ng/ul	96
25) 2-Nitrophenol	9.878	139	32782	35.286	ng/ul	93
26) 2,4-Dimethylphenol	9.943	107	60107	27.188	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.166	93	77498	33.172	ng/ul	96
29) 2,4-Dichlorophenol	10.424	162	56459	34.344	ng/ul	98
30) Naphthalene	10.818	128	184828	35.667	ng/ul	97
32) 4-Chloroaniline	10.930	127	74056	35.503	ng/ul	87
33) Hexachlorobutadiene	11.094	225	43050	33.037	ng/ul	95
34) Caprolactam	11.717	113	3396m	6.790	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	80731	43.571	ng/ul	95
36) 2-Methylnaphthalene	12.428	142	161285	42.088	ng/ul	93

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.651	142	219683	59.703	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.804	216	120024	47.339	ng/ul#	98
40)	Hexachlorocyclopentadiene	12.774	237	14563	21.183	ng/ul	96
41)	2,4,6-Trichlorophenol	13.050	196	68363	47.756	ng/ul	90
42)	2,4,5-Trichlorophenol	13.127	196	68564	45.801	ng/ul	95
43)	1,1'-Biphenyl	13.438	154	200979	37.138	ng/ul	99
44)	2-Chloronaphthalene	13.485	162	156345	36.736	ng/ul	95
45)	2-Nitroaniline	13.696	65	57675	42.806	ng/ul	98
47)	Dimethylphthalate	14.061	163	226791	41.978	ng/ul#	98
48)	2,6-Dinitrotoluene	14.190	165	49263	42.826	ng/ul#	88
50)	Acenaphthylene	14.331	152	234602	37.245	ng/ul	96
51)	3-Nitroaniline	14.525	138	46731	44.622	ng/ul	92
52)	Acenaphthene	14.672	153	173463	38.648	ng/ul	97
53)	2,4-Dinitrophenol	14.754	184	20957	44.484	ng/ul#	83
55)	4-Nitrophenol	14.866	109	7714	10.149	ng/ul#	89
56)	Dibenzofuran	15.012	168	245490	39.755	ng/ul	100
57)	2,4-Dinitrotoluene	14.989	165	72972	44.392	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.247	232	50863	44.859	ng/ul	93
59)	Diethylphthalate	15.418	149	237467	43.488	ng/ul	98
61)	Fluorene	15.659	166	212715	41.087	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.647	204	109248	39.632	ng/ul	98
63)	4-Nitroaniline	15.694	138	46982	48.169	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.758	198	39371	45.031	ng/ul#	98
67)	N-Nitrosodiphenylamine	15.864	169	183878	41.669	ng/ul	99
68)	4-Bromophenyl-phenylether	16.546	248	82634	42.729	ng/ul	95
69)	Hexachlorobenzene	16.675	284	91947	41.934	ng/ul	94
70)	Atrazine	16.816	200	85677	46.305	ng/ul	97
71)	Pentachlorophenol	17.027	266	24349	40.540	ng/ul	92
72)	Phenanthrene	17.409	178	366485	44.030	ng/ul	98
74)	Anthracene	17.497	178	371005m	43.958	ng/ul	
75)	1,2,3,4-Tetrachloroben...	13.409	216	90137	35.640	ng/uL	91
76)	Pentachlorobenzene	14.936	250	99903	38.257	ng/uL	97
77)	Carbazole	17.773	167	338417	45.482	ng/ul	98
78)	Di-n-butylphthalate	18.314	149	406057	45.126	ng/ul	99
80)	Fluoranthene	19.418	202	473453	43.356	ng/ul#	97
82)	Pyrene	19.782	202	467004	43.602	ng/ul	97
83)	Butylbenzylphthalate	20.658	149	188142	45.930	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.527	252	140599	36.954	ng/ul	93
85)	Benzo(a)anthracene	21.615	228	463158	42.890	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.504	149	270511	44.219	ng/ul	99
87)	Chrysene	21.686	228	444275	44.134	ng/ul	95
89)	Di-n-octyl phthalate	22.702	149	446999	42.260	ng/ul	100
90)	Benzo(b)fluoranthene	23.830	252	491282	42.953	ng/ul#	99
91)	Benzo(k)fluoranthene	23.894	252	477582	43.743	ng/ul	99
93)	Benzo(a)pyrene	24.705	252	423970	42.400	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.541	276	560626m	42.788	ng/ul	
95)	Dibenzo(a,h)anthracene	28.588	278	456860	42.034	ng/ul#	98
96)	Benzo(g,h,i)perylene	29.692	276	457742	43.605	ng/ul	97

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

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