Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050052.D
Acq On : 31 Aug 2021 6:08
Operator : CG/JU
Sample : M3448-23MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBKG6MSD

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:14 AM

Quant Time: Aug 31 06:54:23 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	7.961	152	27840	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	119300	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.629	164	82802	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.384	188	170299	20.000	ng/ul	0.00
79) Chrysene-d12	21.660	240	145717	20.000	ng/ul	# 0.01
88) Perylene-d12	24.891	264	155910	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	2330	4.316	ng/uL	0.00
4) Pyridine-d5	3.767	84	2812m	1.729	ng/ul	0.02
7) Phenol-d5	7.139	99	15953	6.748	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.280	67	39870	30.357	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	44908	25.388	ng/ul	0.00
15) 4-Methylphenol-d8	8.690	113	29376	15.778	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	30135	32.582	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	34877	31.668	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.417	165	60218	30.656	ng/ul	0.01
31) 4-Chloroaniline-d4	10.922	131	54026	20.207	ng/ul	0.00
46) Dimethylphthalate-d6	14.029	166	228562	36.068	ng/ul	0.00
49) Acenaphthylene-d8	14.323	160	271462	36.536	ng/ul	0.00
54) 4-Nitrophenol-d4	14.864	143	5955	6.495	ng/ul	0.02
60) Fluorene-d10	15.621	176	203462	37.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	36114	32.962	ng/ul	0.00
73) Anthracene-d10	17.484	188	300464	39.290	ng/ul	0.00
81) Pyrene-d10	19.775	212	327503	41.591	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.674	264	304586	36.824	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.356	88	3115m	4.733	ng/uL	
5) Pyridine	3.784	79	4467m	2.542	ng/ul	
6) Benzaldehyde	7.092	77	59327	43.609	ng/ul	97
8) Phenol	7.162	94	20322	8.511	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.374	93	54078	32.806	ng/ul	97
12) 2-Chlorophenol	7.526	128	48296	27.630	ng/ul#	85
13) 2-Methylphenol	8.419	108	38469	20.882	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.484	45	58217	33.680	ng/ul	98
16) Acetophenone	8.789	105	108299	35.668	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.772	70	54165	35.527	ng/ul	94
18) 4-Methylphenol	8.748	108	36159	18.245	ng/ul	96
19) Hexachloroethane	9.042	117	25650	33.531	ng/ul	93
22) Nitrobenzene	9.177	77	89213	35.597	ng/ul	98
23) Isophorone	9.700	82	153605	34.400	ng/ul	97
25) 2-Nitrophenol	9.894	139	37073	34.624	ng/ul	90
26) 2,4-Dimethylphenol	9.958	107	64954	27.296	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.182	93	77310	33.528	ng/ul	93
29) 2,4-Dichlorophenol	10.446	162	62926	34.902	ng/ul	98
30) Naphthalene	10.834	128	343743	57.646	ng/ul	99
32) 4-Chloroaniline	10.945	127	59593	23.144	ng/ul	95
33) Hexachlorobutadiene	11.110	225	47160	32.334	ng/ul	93
34) Caprolactam	11.727	113	4267m	6.756	ng/ul	
35) 4-Chloro-3-methylphenol	12.085	107	74504	34.577	ng/ul	98
36) 2-Methylnaphthalene	12.449	142	163922	36.981	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.667	142	184206	41.171	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.819	216	92994	38.237	ng/ul#	97
40) Hexachlorocyclopentadiene	12.784	237	7677	7.053	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.066	196	63135	40.736	ng/ul	86
42) 2,4,5-Trichlorophenol	13.148	196	68446	42.137	ng/ul	95
43) 1,1'-Biphenyl	13.454	154	228316	39.468	ng/ul	97
44) 2-Chloronaphthalene	13.501	162	178080	38.325	ng/ul	97
45) 2-Nitroaniline	13.712	65	66398	42.088	ng/ul	88
47) Dimethylphthalate	14.071	163	284662	45.390	ng/ul	99
48) 2,6-Dinitrotoluene	14.206	165	54655	42.212	ng/ul	92
50) Acenaphthylene	14.352	152	277929	40.927	ng/ul	98
51) 3-Nitroaniline	14.535	138	45892	36.731	ng/ul	96
52) Acenaphthene	14.693	153	268085	54.421	ng/ul	99
53) 2,4-Dinitrophenol	14.764	184	20094	30.385	ng/ul	89
55) 4-Nitrophenol	14.881	109	8925	7.678	ng/ul#	84
56) Dibenzofuran	15.028	168	313714	45.987	ng/ul	99
57) 2,4-Dinitrotoluene	15.005	165	79677	42.781	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	59243	44.013	ng/ul#	97
59) Diethylphthalate	15.433	149	257604	40.153	ng/ul	97
61) Fluorene	15.680	166	265294	46.094	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.662	204	125491	41.209	ng/ul	96
63) 4-Nitroaniline	15.704	138	48608	38.986	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.780	198	34175	34.413	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	204988	45.720	ng/ul	99
68) 4-Bromophenyl-phenylether	16.561	248	90383	47.977	ng/ul	97
69) Hexachlorobenzene	16.691	284	99779	45.867	ng/ul	97
70) Atrazine	16.831	200	74500	37.402	ng/ul	97
71) Pentachlorophenol	17.043	266	42456	46.089	ng/ul	92
72) Phenanthrene	17.425	178	397036	46.766	ng/ul	98
74) Anthracene	17.519	178	380575	44.236	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.424	216	101713	44.517	ng/uL	91
76) Pentachlorobenzene	14.952	250	111366	46.000	ng/uL	94
77) Carbazole	17.789	167	383104	50.042	ng/ul	98
78) Di-n-butylphthalate	18.335	149	415399	42.426	ng/ul	98
80) Fluoranthene	19.440	202	438713	45.149	ng/ul	98
82) Pyrene	19.804	202	428888	44.542	ng/ul	99
83) Butylbenzylphthalate	20.673	149	163417	43.007	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.549	252	113106	32.744	ng/ul#	95
85) Benzo(a)anthracene	21.637	228	390785	43.040	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.525	149	224171	42.959	ng/ul	99
87) Chrysene	21.707	228	369563	43.058	ng/ul	98
89) Di-n-octyl phthalate	22.729	149	379010	40.978	ng/ul	100
90) Benzo(b)fluoranthene	23.869	252	403741	40.483	ng/ul#	99
91) Benzo(k)fluoranthene	23.928	252	389795	41.119	ng/ul	98
93) Benzo(a)pyrene	24.744	252	357485	41.275	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.604	276	455440	39.864	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.657	278	392443	41.032	ng/ul	99
96) Benzo(g,h,i)perylene	29.773	276	372996	38.833	ng/ul	96

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

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