Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
Data File : BG049172.D
Acq On : 2 Jul 2021 18:10
Operator : CG/JU
Sample : M2908-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-CROPSEY-SOLIDSMSD

Manual Integrations APPROVED
mohammad
7/7/2021 11:34:39 AM

Quant Time: Jul 03 01:09:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	37498	20.00	ng	0.00
21) Naphthalene-d8	10.910	136	152945	20.00	ng	# 0.00
39) Acenaphthene-d10	14.729	164	114778	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	253003	20.00	ng	# 0.00
76) Chrysene-d12	21.768	240	239242	20.00	ng	# 0.00
86) Perylene-d12	25.070	264	248828	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	265116	110.74	ng	0.00
7) Phenol-d6	7.244	99	328859	96.35	ng	0.00
23) Nitrobenzene-d5	9.259	82	308461	85.51	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	250738	126.02	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	673718	79.19	ng	0.00
79) Terphenyl-d14	20.088	244	1251571	88.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	31067	29.56	ng	# 1
3) Pyridine	3.942	79	69236	24.36	ng	93
4) n-Nitrosodimethylamine	3.836	42	65188	40.39	ng	# 82
8) 2-Chlorophenol	7.649	128	110567	42.09	ng	90
9) Benzaldehyde	7.221	77	108147	60.24	ng	# 86
10) Phenol	7.268	94	136839	39.91	ng	91
11) bis(2-Chloroethyl)ether	7.503	93	109781	43.89	ng	86
12) 1,3-Dichlorobenzene	7.978	146	107859	36.71	ng	96
13) 1,4-Dichlorobenzene	8.125	146	113428	38.39	ng	99
14) 1,2-Dichlorobenzene	8.443	146	110697	38.92	ng	94
15) Benzyl Alcohol	8.325	79	139422	46.39	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.613	45	185115	43.60	ng	83
17) 2-Methylphenol	8.525	107	74783	32.37	ng	96
18) Hexachloroethane	9.177	117	44545	37.76	ng	95
19) n-Nitroso-di-n-propyla...	8.895	70	108147	44.09	ng	# 96
20) 3+4-Methylphenols	8.860	107	101927	31.82	ng	96
22) Acetophenone	8.913	105	204156	44.75	ng	# 97
24) Nitrobenzene	9.300	77	312547	79.96	ng	97
25) Isophorone	9.823	82	285447	41.19	ng	97
26) 2-Nitrophenol	10.017	139	74268	47.73	ng	96
27) 2,4-Dimethylphenol	10.070	122	10380	4.45	ng	90
28) bis(2-Chloroethoxy)met...	10.305	93	157021	48.05	ng	95
29) 2,4-Dichlorophenol	10.552	162	120488	43.03	ng	96
30) 1,2,4-Trichlorobenzene	10.769	180	131666	39.93	ng	96
31) Naphthalene	10.957	128	367113	41.23	ng	98
32) Benzoic acid	10.217	122	66868	37.10	ng	# 72
34) Hexachlorobutadiene	11.245	225	92607	38.01	ng	95
35) Caprolactam	11.909	113	35093m	39.49	ng	
36) 4-Chloro-3-methylphenol	12.185	107	129601	40.23	ng	# 94
37) 2-Methylnaphthalene	12.561	142	293785	43.81	ng	98
38) 1-Methylnaphthalene	12.779	142	267980	42.20	ng	92
40) 1,2,4,5-Tetrachloroben...	12.932	216	166486	41.58	ng	98
41) Hexachlorocyclopentadiene	12.908	237	228463	96.32	ng	93
43) 2,4,6-Trichlorophenol	13.167	196	122569	44.33	ng	94
44) 2,4,5-Trichlorophenol	13.237	196	131647	43.54	ng	90
46) 1,1'-Biphenyl	13.566	154	499288	58.23	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.613	162	298423	42.30	ng		98
48) 2-Nitroaniline	13.807	65	67594	26.27	ng		95
49) Acenaphthylene	14.453	152	452861	40.71	ng		96
50) Dimethylphthalate	14.183	163	423240	45.95	ng		99
51) 2,6-Dinitrotoluene	14.300	165	93830	44.43	ng		94
52) Acenaphthene	14.794	154	301352	43.47	ng		93
54) 2,4-Dinitrophenol	14.835	184	100151	69.77	ng		99
55) Dibenzofuran	15.129	168	477959	42.35	ng		96
56) 4-Nitrophenol	14.947	139	141410	85.55	ng		92
57) 2,4-Dinitrotoluene	15.088	165	134120	44.71	ng		96
58) Fluorene	15.781	166	401053	42.97	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.352	232	128022	45.48	ng		97
60) Diethylphthalate	15.546	149	444537	45.54	ng		98
61) 4-Chlorophenyl-phenyle...	15.769	204	225460	43.64	ng		96
62) 4-Nitroaniline	15.781	138	14645	6.95	ng	#	33
63) Azobenzene	16.063	77	416908	42.37	ng		92
65) 4,6-Dinitro-2-methylph...	15.852	198	78245	43.29	ng		92
66) n-Nitrosodiphenylamine	15.981	169	333541	42.15	ng		98
67) 4-Bromophenyl-phenylether	16.662	248	158411	46.41	ng		94
68) Hexachlorobenzene	16.786	284	171727	45.51	ng		98
69) Atrazine	16.933	200	141215	53.74	ng		98
70) Pentachlorophenol	17.132	266	209151	95.22	ng		95
71) Phenanthrene	17.526	178	645147	44.28	ng		99
72) Anthracene	17.614	178	594285	40.92	ng		97
73) Carbazole	17.885	167	589419	42.57	ng		99
74) Di-n-butylphthalate	18.437	149	736004	46.23	ng		97
75) Fluoranthene	19.530	202	787195	43.16	ng		97
78) Pyrene	19.894	202	786952	44.29	ng		96
80) Butylbenzylphthalate	20.769	149	325331	48.33	ng		95
81) Benzo(a)anthracene	21.745	228	786881	44.10	ng		99
83) Chrysene	21.815	228	766473	45.21	ng		96
84) Bis(2-ethylhexyl)phtha...	21.645	149	456733	48.03	ng		96
85) Di-n-octyl phthalate	22.890	149	783917	48.98	ng		97
87) Indeno(1,2,3-cd)pyrene	28.860	276	949436	47.82	ng		98
88) Benzo(b)fluoranthene	24.024	252	824474	45.92	ng	#	97
89) Benzo(k)fluoranthene	24.095	252	811874	47.39	ng		99
90) Benzo(a)pyrene	24.917	252	690073	41.66	ng		97
91) Dibenzo(a,h)anthracene	28.936	278	799000	47.68	ng	#	96
92) Benzo(g,h,i)perylene	30.058	276	793725	48.05	ng		98

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

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