Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029138.D
Acq On : 15 Mar 2021 20:02
Operator : CG/JU
Sample : M1678-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

Manual Integrations APPROVED
mohammad
3/16/2021 11:15:58 AM

Quant Time: Mar 16 00:30:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	8649	20.00	ng		-0.01
21) Naphthalene-d8	10.404	136	34057	20.00	ng		#-0.01
39) Acenaphthene-d10	14.286	164	19469	20.00	ng		-0.01
64) Phenanthrene-d10	17.039	188	39572	20.00	ng		0.00
76) Chrysene-d12	21.221	240	41979	20.00	ng		0.00
86) Perylene-d12	23.356	264	43033	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.204	112	3779	7.24	ng		0.00
7) Phenol-d6	6.816	99	23255	33.74	ng		0.00
23) Nitrobenzene-d5	8.792	82	50981	80.76	ng		0.00
42) 2,4,6-Tribromophenol	15.792	330	946	4.10	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	105293	72.00	ng		0.00
79) Terphenyl-d14	19.668	244	134167	59.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.046	88	8004	40.80	ng	#	56
3) Pyridine	3.463	79	22022	42.53	ng	#	31
4) n-Nitrosodimethylamine	3.381	42	17497	60.49	ng	#	42
6) Aniline	6.957	93	6257	8.49	ng		99
8) 2-Chlorophenol	7.181	128	27658	44.62	ng		96
9) Benzaldehyde	6.769	77	19975	53.17	ng		82
10) Phenol	6.839	94	32736	47.80	ng		94
11) bis(2-Chloroethyl)ether	7.057	93	23436	45.11	ng		89
12) 1,3-Dichlorobenzene	7.498	146	29749m	44.01	ng		
13) 1,4-Dichlorobenzene	7.645	146	30121	43.94	ng		99
14) 1,2-Dichlorobenzene	7.957	146	29045	44.03	ng		98
15) Benzyl Alcohol	7.875	79	23423	47.52	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.157	45	41575	51.96	ng		70
17) 2-Methylphenol	8.086	107	21857	46.99	ng	#	90
18) Hexachloroethane	8.669	117	11802	47.38	ng		90
19) n-Nitroso-di-n-propyla...	8.433	70	18619	45.92	ng	#	49
20) 3+4-Methylphenols	8.422	107	28983	46.32	ng		94
22) Acetophenone	8.451	105	39599	47.68	ng	#	83
24) Nitrobenzene	8.833	77	28509	44.42	ng	#	89
25) Isophorone	9.351	82	50603	45.56	ng		97
26) 2-Nitrophenol	9.539	139	14801	45.66	ng		88
27) 2,4-Dimethylphenol	9.610	122	24120	49.58	ng		95
28) bis(2-Chloroethoxy)met...	9.839	93	30539	48.39	ng	#	98
29) 2,4-Dichlorophenol	10.075	162	24957	44.84	ng		96
30) 1,2,4-Trichlorobenzene	10.269	180	26936	44.14	ng		99
31) Naphthalene	10.451	128	85991	45.80	ng		100
32) Benzoic acid	9.804	122	17689	50.73	ng	#	85
33) 4-Chloroaniline	10.592	127	5921	7.85	ng		92
34) Hexachlorobutadiene	10.716	225	16410	44.85	ng		96
35) Caprolactam	11.410	113	7426	48.77	ng	#	45
36) 4-Chloro-3-methylphenol	11.739	107	25924	46.21	ng		92
37) 2-Methylnaphthalene	12.074	142	58543	44.31	ng		98
38) 1-Methylnaphthalene	12.298	142	54090	43.23	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	28037	46.06	ng		98
41) Hexachlorocyclopentadiene	12.416	237	21330	91.92	ng		98
43) 2,4,6-Trichlorophenol	12.716	196	18998	44.52	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	20681	45.16	ng		97
46) 1,1'-Biphenyl	13.110	154	71395	45.73	ng		99
47) 2-Chloronaphthalene	13.151	162	55793	43.77	ng		97
48) 2-Nitroaniline	13.386	65	17342	50.59	ng		91
49) Acenaphthylene	14.010	152	93972	48.01	ng		99
50) Dimethylphthalate	13.763	163	73132	49.57	ng		99
51) 2,6-Dinitrotoluene	13.892	165	15325	44.55	ng		92
52) Acenaphthene	14.351	154	57405	47.82	ng		98
53) 3-Nitroaniline	14.227	138	4228	12.61	ng		81
54) 2,4-Dinitrophenol	14.457	184	18036	102.50	ng		93
55) Dibenzofuran	14.692	168	87652	46.51	ng		97
56) 4-Nitrophenol	14.568	139	25377	92.30	ng		90
57) 2,4-Dinitrotoluene	14.698	165	21552	47.96	ng	#	87
58) Fluorene	15.345	166	74861	49.55	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.933	232	17204	46.74	ng	#	86
60) Diethylphthalate	15.127	149	72617	48.92	ng		98
61) 4-Chlorophenyl-phenyle...	15.339	204	33313	46.22	ng		91
62) 4-Nitroaniline	15.404	138	14083	43.46	ng		97
63) Azobenzene	15.633	77	64341	46.97	ng	#	82
65) 4,6-Dinitro-2-methylph...	15.468	198	11069	39.72	ng	#	75
66) n-Nitrosodiphenylamine	15.562	169	57776	42.68	ng		99
67) 4-Bromophenyl-phenylether	16.233	248	18976	42.74	ng	#	89
68) Hexachlorobenzene	16.345	284	20986	42.41	ng	#	93
69) Atrazine	16.521	200	21460	50.95	ng		98
70) Pentachlorophenol	16.704	266	25883	97.79	ng		99
71) Phenanthrene	17.080	178	169031	71.73	ng		99
72) Anthracene	17.168	178	122469	52.46	ng		98
73) Carbazole	17.451	167	103685	46.29	ng		99
74) Di-n-butylphthalate	18.003	149	128079	50.29	ng		100
75) Fluoranthene	19.098	202	204172	78.85	ng		98
77) Benzidine	19.297	184	52306	37.81	ng		99
78) Pyrene	19.462	202	200828	65.12	ng		99
80) Butylbenzylphthalate	20.362	149	61147	46.06	ng	#	96
81) Benzo(a)anthracene	21.203	228	165329	56.75	ng		99
82) 3,3'-Dichlorobenzidine	21.144	252	19224	19.10	ng	#	97
83) Chrysene	21.256	228	156600	55.16	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	98577	51.60	ng		96
85) Di-n-octyl phthalate	21.980	149	170160	52.49	ng	#	87
87) Indeno(1,2,3-cd)pyrene	25.497	276	168536	51.90	ng	#	92
88) Benzo(b)fluoranthene	22.727	252	167070	54.96	ng	#	97
89) Benzo(k)fluoranthene	22.768	252	136327	47.21	ng	#	98
90) Benzo(a)pyrene	23.268	252	145310	52.39	ng	#	97
91) Dibenzo(a,h)anthracene	25.497	278	132299m	46.88	ng		
92) Benzo(g,h,i)perylene	26.144	276	138156	50.70	ng	#	92

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

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