Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
Data File : BG050782.D
Acq On : 29 Oct 2021 17:59
Operator : CG/JU
Sample : M4380-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WASTE-CHAR-(SUSPECT)MS

Manual Integrations APPROVED
mohammad
11/1/2021 1:38:21 PM

Quant Time: Oct 29 18:52:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.248	152	32943	20.000	ng		-0.01
21) Naphthalene-d8	11.074	136	140507	20.000	ng		#-0.01
39) Acenaphthene-d10	14.869	164	92813	20.000	ng		0.00
64) Phenanthrene-d10	17.619	188	207531	20.000	ng		# 0.00
76) Chrysene-d12	21.926	240	185292	20.000	ng		# 0.00
86) Perylene-d12	25.339	264	187988	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.786	112	292559	132.815	ng		0.00
7) Phenol-d6	7.396	99	377974	118.517	ng		0.00
23) Nitrobenzene-d5	9.417	82	291443	85.864	ng		-0.01
42) 2,4,6-Tribromophenol	16.356	330	127929	144.508	ng		0.00
45) 2-Fluorobiphenyl	13.495	172	541221	87.763	ng		-0.01
79) Terphenyl-d14	20.210	244	909222	95.628	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.653	88	40215	35.250	ng	#	23
3) Pyridine	4.064	79	80501	25.830	ng	#	91
4) n-Nitrosodimethylamine	3.965	42	64344	43.811	ng	#	54
6) Aniline	7.566	93	123788	33.408	ng		94
8) 2-Chlorophenol	7.807	128	112830	53.200	ng		89
9) Benzaldehyde	7.378	77	81903	40.837	ng		90
10) Phenol	7.419	94	142889	46.080	ng		84
11) bis(2-Chloroethyl)ether	7.654	93	116612	48.182	ng		85
12) 1,3-Dichlorobenzene	8.130	146	112000	45.747	ng		97
13) 1,4-Dichlorobenzene	8.283	146	114416	46.356	ng		96
14) 1,2-Dichlorobenzene	8.600	146	111385	47.247	ng		95
15) Benzyl Alcohol	8.483	79	130654	51.841	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.765	45	187458	47.493	ng		85
17) 2-Methylphenol	8.683	107	105843	51.876	ng		90
18) Hexachloroethane	9.335	117	44005	47.107	ng		94
19) n-Nitroso-di-n-propyla...	9.047	70	111004	47.754	ng	#	90
20) 3+4-Methylphenols	9.012	107	145186	50.555	ng		94
22) Acetophenone	9.076	105	180356	45.150	ng		96
24) Nitrobenzene	9.464	77	156467	46.361	ng		96
25) Isophorone	9.981	82	288251	47.879	ng	#	95
26) 2-Nitrophenol	10.175	139	63583	51.308	ng		91
27) 2,4-Dimethylphenol	10.222	122	117876	55.055	ng		93
28) bis(2-Chloroethoxy)met...	10.457	93	161014	46.774	ng		94
29) 2,4-Dichlorophenol	10.710	162	112193	51.412	ng		97
30) 1,2,4-Trichlorobenzene	10.927	180	112465	45.369	ng		95
31) Naphthalene	11.121	128	360591	47.945	ng		97
32) Benzoic acid	10.357	122	43823	27.579	ng	#	81
33) 4-Chloroaniline	11.232	127	55461	17.576	ng		95
34) Hexachlorobutadiene	11.391	225	68442	43.979	ng		96
35) Caprolactam	12.002	113	38094m	45.612	ng		
36) 4-Chloro-3-methylphenol	12.331	107	140902	51.658	ng	#	91
37) 2-Methylnaphthalene	12.713	142	257114	49.547	ng		93
38) 1-Methylnaphthalene	12.931	142	237018	47.102	ng		92
40) 1,2,4,5-Tetrachloroben...	13.072	216	128073	46.728	ng		98
41) Hexachlorocyclopentadiene	13.042	237	130222	82.210	ng		92
43) 2,4,6-Trichlorophenol	13.307	196	95823	49.614	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	102774	50.897	ng		92
46) 1,1'-Biphenyl	13.706	154	322049	47.571	ng		95
47) 2-Chloronaphthalene	13.753	162	253821	48.828	ng		97
48) 2-Nitroaniline	13.953	65	109992	53.191	ng		98
49) Acenaphthylene	14.599	152	426020	50.018	ng		96
50) Dimethylphthalate	14.311	163	352918	50.306	ng		99
51) 2,6-Dinitrotoluene	14.440	165	75968	54.064	ng		91
52) Acenaphthene	14.934	154	295177m	53.931	ng		
53) 3-Nitroaniline	14.775	138	60215	36.228	ng		90
54) 2,4-Dinitrophenol	14.981	184	76768	88.065	ng		89
55) Dibenzofuran	15.269	168	405922	47.953	ng		97
56) 4-Nitrophenol	15.075	139	128587	96.176	ng	#	81
57) 2,4-Dinitrotoluene	15.228	165	110737	55.911	ng		94
58) Fluorene	15.915	166	324680	49.936	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.492	232	85468	48.590	ng		94
60) Diethylphthalate	15.668	149	371475	50.397	ng		96
61) 4-Chlorophenyl-phenyle...	15.898	204	172664	48.534	ng		99
62) 4-Nitroaniline	15.939	138	88278	51.049	ng	#	66
63) Azobenzene	16.191	77	405940	47.576	ng		83
65) 4,6-Dinitro-2-methylph...	15.992	198	58429	46.874	ng		88
66) n-Nitrosodiphenylamine	16.115	169	296684	50.313	ng		98
67) 4-Bromophenyl-phenylether	16.797	248	105917	50.648	ng		97
68) Hexachlorobenzene	16.920	284	107104	51.530	ng		93
69) Atrazine	17.055	200	120883	52.040	ng		98
70) Pentachlorophenol	17.261	266	112748	79.686	ng		99
71) Phenanthrene	17.660	178	555194	50.767	ng		98
72) Anthracene	17.754	178	559941	51.525	ng		97
73) Carbazole	18.019	167	523604	48.343	ng		99
74) Di-n-butylphthalate	18.553	149	660707	51.980	ng	#	97
75) Fluoranthene	19.658	202	661035	49.173	ng		96
77) Benzidine	19.834	184	137402	22.879	ng		99
78) Pyrene	20.022	202	663747	50.489	ng		97
80) Butylbenzylphthalate	20.886	149	289632	52.085	ng		96
81) Benzo(a)anthracene	21.902	228	615925	50.236	ng		99
82) 3,3'-Dichlorobenzidine	21.808	252	164894	40.582	ng	#	99
83) Chrysene	21.973	228	592067	51.338	ng		95
84) Bis(2-ethylhexyl)phtha...	21.773	149	419601	53.107	ng	#	97
85) Di-n-octyl phthalate	23.048	149	724590	54.984	ng		97
87) Indeno(1,2,3-cd)pyrene	29.282	276	689204	52.637	ng	#	89
88) Benzo(b)fluoranthene	24.253	252	628536	54.594	ng	#	93
89) Benzo(k)fluoranthene	24.323	252	590093	52.100	ng	#	97
90) Benzo(a)pyrene	25.181	252	600207	61.316	ng	#	92
91) Dibenzo(a,h)anthracene	29.352	278	573700	52.974	ng	#	92
92) Benzo(g,h,i)perylene	30.516	276	567803	53.532	ng	#	92

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

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