Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
Data File : BG050783.D
Acq On : 29 Oct 2021 18:41
Operator : CG/JU
Sample : M4380-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/1/2021 1:38:23 PM

Quant Time: Oct 30 01:38:05 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	8.241	152	33831	20.000	ng		-0.02
21) Naphthalene-d8	11.073	136	147366	20.000	ng		#-0.01
39) Acenaphthene-d10	14.868	164	95234	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	214669	20.000	ng		# 0.00
76) Chrysene-d12	21.925	240	185824	20.000	ng		# 0.00
86) Perylene-d12	25.339	264	189183	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.785	112	305157	134.898	ng		0.00
7) Phenol-d6	7.395	99	397518	121.373	ng		0.00
23) Nitrobenzene-d5	9.416	82	306391	86.067	ng		-0.01
42) 2,4,6-Tribromophenol	16.355	330	132413	145.771	ng		0.00
45) 2-Fluorobiphenyl	13.494	172	565932	89.437	ng		-0.01
79) Terphenyl-d14	20.203	244	919125	96.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	42553	36.321	ng	#	18
3) Pyridine	4.064	79	84246	26.322	ng		93
4) n-Nitrosodimethylamine	3.964	42	66822	44.304	ng	#	54
6) Aniline	7.565	93	130841	34.385	ng		94
8) 2-Chlorophenol	7.806	128	118785	54.538	ng		90
9) Benzaldehyde	7.377	77	85587	41.653	ng		92
10) Phenol	7.418	94	151092	47.447	ng		85
11) bis(2-Chloroethyl)ether	7.653	93	120466	48.468	ng		85
12) 1,3-Dichlorobenzene	8.129	146	117429	46.706	ng		99
13) 1,4-Dichlorobenzene	8.282	146	120586	47.574	ng		96
14) 1,2-Dichlorobenzene	8.599	146	115365	47.651	ng		96
15) Benzyl Alcohol	8.482	79	137104	52.973	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.764	45	196007	48.356	ng		87
17) 2-Methylphenol	8.682	107	108522	51.793	ng		92
18) Hexachloroethane	9.334	117	46186	48.144	ng		91
19) n-Nitroso-di-n-propyla...	9.046	70	116022	48.602	ng	#	91
20) 3+4-Methylphenols	9.011	107	152542	51.722	ng		95
22) Acetophenone	9.075	105	190376	45.440	ng		95
24) Nitrobenzene	9.463	77	165684	46.807	ng		94
25) Isophorone	9.980	82	299538	47.438	ng	#	96
26) 2-Nitrophenol	10.174	139	67371	51.834	ng	#	91
27) 2,4-Dimethylphenol	10.221	122	118917	52.957	ng		94
28) bis(2-Chloroethoxy)met...	10.456	93	169080	46.831	ng		94
29) 2,4-Dichlorophenol	10.715	162	117262	51.234	ng		95
30) 1,2,4-Trichlorobenzene	10.932	180	118498	45.578	ng		96
31) Naphthalene	11.120	128	378503	47.984	ng		98
32) Benzoic acid	10.356	122	49751	29.852	ng	#	69
33) 4-Chloroaniline	11.226	127	58506	17.678	ng		96
34) Hexachlorobutadiene	11.390	225	71277	43.669	ng		93
35) Caprolactam	12.001	113	38840m	44.341	ng		
36) 4-Chloro-3-methylphenol	12.330	107	145384	50.820	ng	#	91
37) 2-Methylnaphthalene	12.712	142	265507	48.783	ng		92
38) 1-Methylnaphthalene	12.930	142	249738	47.320	ng		92
40) 1,2,4,5-Tetrachloroben...	13.071	216	132606	47.152	ng		98
41) Hexachlorocyclopentadiene	13.047	237	134985	83.051	ng		94
43) 2,4,6-Trichlorophenol	13.306	196	100021	50.471	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	107880	52.067	ng		91
46) 1,1'-Biphenyl	13.705	154	332921	47.927	ng		94
47) 2-Chloronaphthalene	13.752	162	265709	49.816	ng		99
48) 2-Nitroaniline	13.952	65	114236	53.839	ng		95
49) Acenaphthylene	14.598	152	436338	49.927	ng		97
50) Dimethylphthalate	14.316	163	366023	50.848	ng		99
51) 2,6-Dinitrotoluene	14.440	165	80173	55.606	ng		88
52) Acenaphthene	14.933	154	307361m	54.729	ng		
53) 3-Nitroaniline	14.774	138	61167	35.865	ng		92
54) 2,4-Dinitrophenol	14.980	184	80938	90.489	ng		94
55) Dibenzofuran	15.268	168	416796	47.986	ng		97
56) 4-Nitrophenol	15.080	139	131346	95.742	ng	#	76
57) 2,4-Dinitrotoluene	15.227	165	114675	56.428	ng		93
58) Fluorene	15.914	166	338017	50.665	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.491	232	88644	49.115	ng	#	93
60) Diethylphthalate	15.668	149	383383	50.690	ng		96
61) 4-Chlorophenyl-phenyle...	15.897	204	178163	48.806	ng		98
62) 4-Nitroaniline	15.938	138	88803	50.048	ng	#	69
63) Azobenzene	16.190	77	415804	47.493	ng		82
65) 4,6-Dinitro-2-methylph...	15.991	198	61132	47.412	ng		89
66) n-Nitrosodiphenylamine	16.114	169	303930	49.828	ng		98
67) 4-Bromophenyl-phenylether	16.796	248	110192	50.940	ng		97
68) Hexachlorobenzene	16.919	284	111044	51.650	ng		95
69) Atrazine	17.054	200	121838	50.707	ng		96
70) Pentachlorophenol	17.260	266	121325	82.896	ng		98
71) Phenanthrene	17.659	178	563588	49.821	ng		97
72) Anthracene	17.753	178	572254	50.907	ng		97
73) Carbazole	18.018	167	535864	47.830	ng		99
74) Di-n-butylphthalate	18.552	149	672355	51.138	ng	#	97
75) Fluoranthene	19.657	202	672677	48.375	ng		96
77) Benzidine	19.833	184	145137	24.098	ng		99
78) Pyrene	20.021	202	677076	51.355	ng		97
80) Butylbenzylphthalate	20.885	149	297882	53.416	ng		97
81) Benzo(a)anthracene	21.901	228	625294	50.854	ng		100
82) 3,3'-Dichlorobenzidine	21.807	252	166901	40.958	ng	#	99
83) Chrysene	21.972	228	603755	52.201	ng		95
84) Bis(2-ethylhexyl)phtha...	21.772	149	428562	54.086	ng		95
85) Di-n-octyl phthalate	23.047	149	735952	55.686	ng		96
87) Indeno(1,2,3-cd)pyrene	29.281	276	689766	52.348	ng	#	88
88) Benzo(b)fluoranthene	24.252	252	642881	55.488	ng	#	93
89) Benzo(k)fluoranthene	24.322	252	591546	51.898	ng	#	96
90) Benzo(a)pyrene	25.186	252	610339	61.958	ng	#	94
91) Dibenzo(a,h)anthracene	29.352	278	579581	53.179	ng	#	91
92) Benzo(g,h,i)perylene	30.521	276	573728	53.749	ng	#	92

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

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