Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033738.D
Acq On : 14 Jan 2022 21:11
Operator : CG/JU
Sample : N1121-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WASTE-CLASS-LAUNDRY-PITMSD

Quant Time: Jan 17 00:27:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.966	152	173806	20.000	ng		0.00
21) Naphthalene-d8	10.778	136	739543	20.000	ng		#-0.01
39) Acenaphthene-d10	14.601	164	446678	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	725527	20.000	ng		0.00
76) Chrysene-d12	21.501	240	630083	20.000	ng		0.00
86) Perylene-d12	23.918	264	709323	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	1378000	125.042	ng		0.00
7) Phenol-d6	7.125	99	1664568	112.071	ng		0.00
23) Nitrobenzene-d5	9.131	82	1271986	79.432	ng		0.00
42) 2,4,6-Tribromophenol	16.083	330	641303	137.459	ng		0.00
45) 2-Fluorobiphenyl	13.236	172	2797981	82.045	ng		0.00
79) Terphenyl-d14	19.948	244	2651268	75.740	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	156885	31.762	ng	#	59
3) Pyridine	3.778	79	312365	24.423	ng		91
4) n-Nitrosodimethylamine	3.672	42	245150	38.365	ng	#	69
6) Aniline	7.284	93	314546	18.695	ng		94
8) 2-Chlorophenol	7.525	128	578426	47.999	ng		89
9) Benzaldehyde	7.090	77	271691	29.056	ng		92
10) Phenol	7.154	94	639151	42.801	ng		93
11) bis(2-Chloroethyl)ether	7.378	93	536038	45.505	ng		92
12) 1,3-Dichlorobenzene	7.854	146	599568	44.515	ng		95
13) 1,4-Dichlorobenzene	8.001	146	617344	44.818	ng		95
14) 1,2-Dichlorobenzene	8.319	146	598977	44.965	ng		98
15) Benzyl Alcohol	8.207	79	567234	46.783	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.495	45	675570	38.029	ng		96
17) 2-Methylphenol	8.413	107	487300	47.273	ng		95
18) Hexachloroethane	9.054	117	230371	44.138	ng		95
19) n-Nitroso-di-n-propyla...	8.778	70	432629	44.582	ng	#	89
20) 3+4-Methylphenols	8.743	107	648979	46.084	ng		95
22) Acetophenone	8.795	105	895533	45.151	ng	#	91
24) Nitrobenzene	9.172	77	659215	43.290	ng	#	91
25) Isophorone	9.707	82	1146874	44.214	ng		96
26) 2-Nitrophenol	9.884	139	316055	49.260	ng	#	85
27) 2,4-Dimethylphenol	9.954	122	546112	50.986	ng		97
28) bis(2-Chloroethoxy)met...	10.184	93	701433	41.020	ng		98
29) 2,4-Dichlorophenol	10.425	162	554019	47.242	ng		100
30) 1,2,4-Trichlorobenzene	10.642	180	576497	44.012	ng		99
31) Naphthalene	10.831	128	1809596	44.645	ng		99
32) Benzoic acid	10.042	122	86286	11.448	ng		88
33) 4-Chloroaniline	10.937	127	149466	9.346	ng	#	93
34) Hexachlorobutadiene	11.125	225	371431	43.414	ng		97
35) Caprolactam	11.731	113	138431	42.560	ng	#	72
36) 4-Chloro-3-methylphenol	12.066	107	621922	45.654	ng		96
37) 2-Methylnaphthalene	12.436	142	1288305	47.037	ng		98
38) 1-Methylnaphthalene	12.654	142	1190045	44.704	ng		99
40) 1,2,4,5-Tetrachloroben...	12.807	216	652795	46.230	ng		99
41) Hexachlorocyclopentadiene	12.789	237	643211	72.410	ng		99
43) 2,4,6-Trichlorophenol	13.042	196	426487	46.298	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.113	196	454302	46.615	ng		97
46) 1,1'-Biphenyl	13.442	154	1656834	45.410	ng		98
47) 2-Chloronaphthalene	13.483	162	1225622	44.735	ng		99
48) 2-Nitroaniline	13.678	65	376625	43.823	ng	#	81
49) Acenaphthylene	14.325	152	1926359	45.055	ng		99
50) Dimethylphthalate	14.060	163	1539935	44.409	ng		99
51) 2,6-Dinitrotoluene	14.172	165	322785	48.065	ng		88
52) Acenaphthene	14.666	154	1209766	43.499	ng		99
53) 3-Nitroaniline	14.495	138	203623	28.412	ng		91
54) 2,4-Dinitrophenol	14.701	184	93135	30.048	ng	#	86
55) Dibenzofuran	14.995	168	1811234	43.446	ng		97
56) 4-Nitrophenol	14.807	139	412162	72.564	ng	#	85
57) 2,4-Dinitrotoluene	14.954	165	417898	48.734	ng		85
58) Fluorene	15.642	166	1396849	43.739	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.224	232	352548	42.842	ng		99
60) Diethylphthalate	15.419	149	1548083	43.337	ng		100
61) 4-Chlorophenyl-phenyle...	15.636	204	723203	43.888	ng		96
62) 4-Nitroaniline	15.654	138	260394	37.302	ng		90
63) Azobenzene	15.930	77	1404136	39.759	ng		92
65) 4,6-Dinitro-2-methylph...	15.713	198	88006	22.093	ng		88
66) n-Nitrosodiphenylamine	15.848	169	1194479	48.717	ng		98
67) 4-Bromophenyl-phenylether	16.530	248	416941	51.954	ng		98
68) Hexachlorobenzene	16.648	284	454881	49.771	ng		96
69) Atrazine	16.801	200	401308	47.710	ng		99
70) Pentachlorophenol	16.989	266	444086	79.899	ng		99
71) Phenanthrene	17.377	178	1846280	44.471	ng		99
72) Anthracene	17.471	178	1881155	46.193	ng		100
73) Carbazole	17.736	167	1513856	39.432	ng		99
74) Di-n-butylphthalate	18.307	149	2274951	45.906	ng		99
75) Fluoranthene	19.389	202	1763308	40.457	ng		98
77) Benzidine	19.565	184	620626	32.819	ng		100
78) Pyrene	19.748	202	1797556	40.521	ng		99
80) Butylbenzylphthalate	20.642	149	776618	39.195	ng		89
81) Benzo(a)anthracene	21.489	228	1855946	43.438	ng		99
82) 3,3'-Dichlorobenzidine	21.412	252	503106	33.193	ng		100
83) Chrysene	21.542	228	1814229	44.371	ng		99
84) Bis(2-ethylhexyl)phtha...	21.418	149	1371738	45.448	ng	#	98
85) Di-n-octyl phthalate	22.348	149	1952651	39.783	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.447	276	2396908	45.824	ng		100
88) Benzo(b)fluoranthene	23.183	252	2093315	46.288	ng		99
89) Benzo(k)fluoranthene	23.230	252	1972704	45.008	ng		99
90) Benzo(a)pyrene	23.812	252	2003926	53.391	ng		99
91) Dibenzo(a,h)anthracene	26.465	278	2078276	47.835	ng		97
92) Benzo(g,h,i)perylene	27.224	276	2014946	47.171	ng		98

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

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