Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
Data File : BM038488.D
Acq On : 19 Jan 2023 13:56
Operator : CG/JU
Sample : N3980-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 20 02:46:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 06:09:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	48769	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	164155	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	96297	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	207341	20.000	ng		0.00
76) Chrysene-d12	21.521	240	208740	20.000	ng		0.00
86) Perylene-d12	23.933	264	255241	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	378372	118.347	ng		0.00
7) Phenol-d6	7.134	99	470837	114.965	ng		0.00
23) Nitrobenzene-d5	9.145	82	336166	83.440	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	169741	104.270	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	590134	76.426	ng		0.00
79) Terphenyl-d14	19.956	244	945590	84.803	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	6613	4.526	ng		96
3) Pyridine	3.822	79	11106m	2.628	ng		
4) n-Nitrosodimethylamine	3.716	42	9612	3.844	ng	#	85
6) Aniline	7.304	93	17565	3.396	ng		93
8) 2-Chlorophenol	7.534	128	12190	3.851	ng		95
9) Benzaldehyde	7.116	77	15186	5.545	ng		88
10) Phenol	7.157	94	15914	3.729	ng	#	74
11) bis(2-Chloroethyl)ether	7.398	93	13104	3.789	ng		98
12) 1,3-Dichlorobenzene	7.857	146	12541	3.698	ng		96
13) 1,4-Dichlorobenzene	8.010	146	13218	3.874	ng		98
14) 1,2-Dichlorobenzene	8.322	146	12786	3.833	ng		97
15) Benzyl Alcohol	8.222	79	10896	3.322	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.498	45	18793	3.897	ng		93
17) 2-Methylphenol	8.422	107	9447	3.277	ng		96
18) Hexachloroethane	9.051	117	5118	3.663	ng		86
19) n-Nitroso-di-n-propyla...	8.781	70	10338	3.478	ng		98
20) 3+4-Methylphenols	8.751	107	11644	3.009	ng		93
22) Acetophenone	8.804	105	18443	3.801	ng	#	97
24) Nitrobenzene	9.186	77	18565m	4.361	ng		
25) Isophorone	9.710	82	25625	3.591	ng		98
26) 2-Nitrophenol	9.898	139	4522	3.026	ng		89
27) 2,4-Dimethylphenol	9.957	122	7915	3.110	ng		95
28) bis(2-Chloroethoxy)met...	10.192	93	14144	3.524	ng		93
29) 2,4-Dichlorophenol	10.433	162	8451	3.006	ng		91
30) 1,2,4-Trichlorobenzene	10.645	180	10963	3.372	ng		97
31) Naphthalene	10.833	128	31524	3.624	ng		98
32) Benzoic acid	10.028	122	3477m	6.564	ng		
33) 4-Chloroaniline	10.957	127	11177	2.927	ng		93
34) Hexachlorobutadiene	11.104	225	7917	3.473	ng		92
35) Caprolactam	11.733	113	1728	2.175	ng	#	87
36) 4-Chloro-3-methylphenol	12.069	107	9128	2.978	ng		94
37) 2-Methylnaphthalene	12.439	142	20037	3.150	ng		94
38) 1-Methylnaphthalene	12.657	142	18634	3.120	ng		99
40) 1,2,4,5-Tetrachloroben...	12.804	216	12684	3.519	ng		98
41) Hexachlorocyclopentadiene	12.774	237	6212	3.031	ng		91
43) 2,4,6-Trichlorophenol	13.051	196	7049	3.094	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	7406	2.757	ng		94
46) 1,1'-Biphenyl	13.445	154	26608	3.562	ng		94
47) 2-Chloronaphthalene	13.486	162	21076	3.584	ng		96
48) 2-Nitroaniline	13.704	65	6865	5.049	ng		86
49) Acenaphthylene	14.333	152	29623	3.195	ng		96
50) Dimethylphthalate	14.063	163	25814	3.308	ng		98
51) 2,6-Dinitrotoluene	14.192	165	4573	2.880	ng		89
52) Acenaphthene	14.668	154	18477	3.280	ng		96
53) 3-Nitroaniline	14.527	138	3756	4.681	ng		87
54) 2,4-Dinitrophenol	14.733	184	1968	6.871	ng	#	80
55) Dibenzofuran	15.004	168	32193	3.356	ng		96
56) 4-Nitrophenol	14.833	139	2620	5.679	ng		91
57) 2,4-Dinitrotoluene	14.980	165	5836	2.644	ng	#	86
58) Fluorene	15.651	166	23782	2.967	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.227	232	6758	2.837	ng	#	98
60) Diethylphthalate	15.421	149	24369	3.044	ng		96
61) 4-Chlorophenyl-phenyle...	15.645	204	13212	3.003	ng		98
62) 4-Nitroaniline	15.680	138	3061	4.476	ng	#	82
63) Azobenzene	15.933	77	28416	3.226	ng		94
65) 4,6-Dinitro-2-methylph...	15.739	198	3200	2.274	ng		87
66) n-Nitrosodiphenylamine	15.857	169	19462	3.199	ng		95
67) 4-Bromophenyl-phenylether	16.539	248	7695	3.208	ng		99
68) Hexachlorobenzene	16.645	284	8499	3.165	ng		95
69) Atrazine	16.804	200	7084	3.293	ng		94
70) Pentachlorophenol	16.998	266	4731	2.413	ng		94
71) Phenanthrene	17.386	178	38270	3.336	ng		98
72) Anthracene	17.480	178	36378	3.086	ng		99
73) Carbazole	17.757	167	31340	3.040	ng		96
74) Di-n-butylphthalate	18.304	149	35383	2.890	ng		99
75) Fluoranthene	19.398	202	42847	2.971	ng		99
77) Benzidine	19.592	184	17217	3.764	ng	#	96
78) Pyrene	19.762	202	46146	3.322	ng		100
80) Butylbenzylphthalate	20.650	149	15645	3.081	ng		95
81) Benzo(a)anthracene	21.503	228	49021	3.265	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	17024	3.522	ng		91
83) Chrysene	21.556	228	49277	3.378	ng		96
84) Bis(2-ethylhexyl)phtha...	21.415	149	20853	2.857	ng		95
85) Di-n-octyl phthalate	22.344	149	37424	2.914	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.450	276	61818	3.273	ng	#	95
88) Benzo(b)fluoranthene	23.197	252	51589	3.260	ng	#	97
89) Benzo(k)fluoranthene	23.244	252	53335m	3.259	ng		
90) Benzo(a)pyrene	23.827	252	47621	3.066	ng		96
91) Dibenzo(a,h)anthracene	26.456	278	52794	3.331	ng		98
92) Benzo(g,h,i)perylene	27.226	276	55886	3.554	ng		94

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

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