Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037465.D
Acq On : 11 Nov 2022 13:51
Operator : CG/JU
Sample : N5529-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NMS-SOIL-1108

Quant Time: Nov 11 22:55:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	280240	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1076959	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	639893	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1202347	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1014795	20.000	ng		0.00
86) Perylene-d12	23.715	264	1052595	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2280745	140.605	ng		0.00
7) Phenol-d6	6.993	99	2612437	118.664	ng		0.00
23) Nitrobenzene-d5	8.981	82	1966979	92.148	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1408809	186.822	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	4664731	96.860	ng		0.00
79) Terphenyl-d14	19.827	244	6507522	114.996	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	465	0.070	ng	#	1
3) Pyridine	3.652	79	371	0.019	ng	#	1
4) n-Nitrosodimethylamine	3.569	42	2765	0.320	ng	#	1
6) Aniline	7.152	93	489	0.018	ng	#	1
8) 2-Chlorophenol	7.369	128	77	0.004	ng	#	36
9) Benzaldehyde	6.928	77	270	0.024	ng	#	27
10) Phenol	7.022	94	639	0.026	ng	#	1
11) bis(2-Chloroethyl)ether	7.234	93	388	0.020	ng	#	43
15) Benzyl Alcohol	8.069	79	452	0.029	ng	#	39
16) 2,2'-oxybis(1-Chloropr...	8.357	45	783	0.028	ng		74
17) 2-Methylphenol	8.263	107	60	0.004	ng	#	1
18) Hexachloroethane	8.869	117	110	0.014	ng	#	3
19) n-Nitroso-di-n-propyla...	8.634	70	203	0.087	ng	#	1
20) 3+4-Methylphenols	8.604	107	69	0.003	ng	#	1
22) Acetophenone	8.646	105	1698	0.061	ng	#	1
24) Nitrobenzene	8.975	77	6309	0.292	ng	#	41
25) Isophorone	9.510	82	267	0.007	ng	#	52
28) bis(2-Chloroethoxy)met...	10.034	93	202	0.009	ng	#	1
31) Naphthalene	10.657	128	31976	0.524	ng		99
33) 4-Chloroaniline	10.657	127	4591	0.189	ng	#	39
35) Caprolactam	11.875	113	70	0.014	ng	#	53
36) 4-Chloro-3-methylphenol	11.951	107	118	0.007	ng	#	17
37) 2-Methylnaphthalene	12.281	142	4552	0.110	ng		95
38) 1-Methylnaphthalene	12.492	142	4713	0.117	ng	#	97
46) 1,1'-Biphenyl	13.298	154	971	0.019	ng		87
48) 2-Nitroaniline	13.534	65	277	0.023	ng	#	4
49) Acenaphthylene	14.175	152	1193	0.019	ng	#	91
50) Dimethylphthalate	13.922	163	25400	0.520	ng	#	98
51) 2,6-Dinitrotoluene	13.992	165	56	0.005	ng	#	22
52) Acenaphthene	14.516	154	770	0.020	ng		83
53) 3-Nitroaniline	14.445	138	56	0.005	ng	#	1
55) Dibenzofuran	14.857	168	933	0.015	ng	#	64
56) 4-Nitrophenol	14.857	139	275	0.030	ng	#	48
57) 2,4-Dinitrotoluene	14.839	165	53	0.004	ng	#	2
58) Fluorene	15.504	166	1330	0.026	ng	#	91
60) Diethylphthalate	15.275	149	4570	0.096	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) Azobenzene	15.816	77	499	0.011	ng	#	42
66) n-Nitrosodiphenylamine	15.945	169	40697	1.001	ng	#	43
68) Hexachlorobenzene	16.639	284	57	0.003	ng	#	42
70) Pentachlorophenol	16.857	266	61	0.006	ng	#	19
71) Phenanthrene	17.233	178	3698	0.050	ng	#	86
72) Anthracene	17.333	178	979	0.014	ng	#	56
73) Carbazole	17.633	167	1302	0.020	ng	#	59
74) Di-n-butylphthalate	18.169	149	10360	0.145	ng	#	92
75) Fluoranthene	19.139	202	143	0.002	ng		63
77) Benzidine	19.392	184	54	0.004	ng	#	1
78) Pyrene	19.621	202	1717	0.022	ng	#	58
80) Butylbenzylphthalate	20.480	149	484	0.017	ng		92
81) Benzo(a)anthracene	21.386	228	3438	0.048	ng	#	81
82) 3,3'-Dichlorobenzidine	21.304	252	139	0.007	ng	#	48
83) Chrysene	21.421	228	967	0.014	ng	#	52
84) Bis(2-ethylhexyl)phtha...	21.292	149	5682	0.152	ng	#	96
85) Di-n-octyl phthalate	22.186	149	790	0.013	ng	#	1
87) Indeno(1,2,3-cd)pyrene	26.250	276	601	0.007	ng		93
88) Benzo(b)fluoranthene	23.003	252	522	0.007	ng	#	1
89) Benzo(k)fluoranthene	23.056	252	1187	0.016	ng	#	1
90) Benzo(a)pyrene	23.615	252	972	0.016	ng	#	1
91) Dibenzo(a,h)anthracene	26.168	278	294	0.004	ng	#	1
92) Benzo(g,h,i)perylene	26.862	276	707	0.010	ng	#	1

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

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