Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037473.D
Acq On : 11 Nov 2022 18:52
Operator : CG/JU
Sample : N5502-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
2182RE

Quant Time: Nov 11 22:58:19 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	235110	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	892129	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	519777	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	974253	20.000	ng	0.00
76) Chrysene-d12	21.380	240	771396	20.000	ng	0.00
86) Perylene-d12	23.721	264	744569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1960512	144.063	ng	0.00
7) Phenol-d6	6.987	99	2229712	120.721	ng	0.00
23) Nitrobenzene-d5	8.981	82	1663809	94.093	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1123041	183.342	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3848373	98.375	ng	0.00
79) Terphenyl-d14	19.827	244	5132578	119.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	415	0.074	ng	# 1
3) Pyridine	3.658	79	202	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.575	42	1666	0.230	ng	# 1
6) Aniline	7.140	93	732	0.032	ng	# 1
8) 2-Chlorophenol	7.381	128	282	0.017	ng	# 26
9) Benzaldehyde	6.928	77	165	0.018	ng	# 18
10) Phenol	7.004	94	1450	0.070	ng	# 1
11) bis(2-Chloroethyl)ether	7.210	93	155	0.009	ng	# 21
15) Benzyl Alcohol	8.069	79	383	0.029	ng	# 42
16) 2,2'-oxybis(1-Chloropr...	8.316	45	186	0.008	ng	81
17) 2-Methylphenol	8.181	107	65	0.005	ng	# 1
18) Hexachloroethane	8.869	117	118	0.018	ng	# 51
19) n-Nitroso-di-n-propyla...	8.622	70	350	0.101	ng	# 1
20) 3+4-Methylphenols	8.604	107	114	0.006	ng	# 1
22) Acetophenone	8.640	105	1642	0.071	ng	# 10
24) Nitrobenzene	8.975	77	5472	0.305	ng	# 38
25) Isophorone	9.545	82	124	0.004	ng	# 36
28) bis(2-Chloroethoxy)met...	10.022	93	85	0.005	ng	# 13
31) Naphthalene	10.657	128	5773	0.114	ng	# 95
33) 4-Chloroaniline	10.816	127	191	0.009	ng	# 47
36) 4-Chloro-3-methylphenol	11.922	107	60	0.004	ng	# 17
37) 2-Methylnaphthalene	12.286	142	285	0.008	ng	# 42
38) 1-Methylnaphthalene	12.492	142	342	0.010	ng	# 42
46) 1,1'-Biphenyl	13.292	154	366	0.009	ng	# 51
47) 2-Chloronaphthalene	13.316	162	155	0.005	ng	# 40
48) 2-Nitroaniline	13.545	65	311	0.032	ng	# 32
49) Acenaphthylene	14.174	152	1463	0.028	ng	# 61
50) Dimethylphthalate	13.922	163	6413	0.162	ng	# 90
51) 2,6-Dinitrotoluene	14.039	165	69	0.008	ng	# 22
52) Acenaphthene	14.510	154	923	0.029	ng	# 79
55) Dibenzofuran	14.869	168	1170	0.024	ng	# 86
56) 4-Nitrophenol	14.851	139	461	0.062	ng	# 79
57) 2,4-Dinitrotoluene	14.827	165	112	0.010	ng	# 22
58) Fluorene	15.498	166	975	0.024	ng	# 84
59) 2,3,4,6-Tetrachlorophenol	15.098	232	410	0.041	ng	# 56
60) Diethylphthalate	15.280	149	4494	0.116	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) 4-Chlorophenyl-phenyle...	15.498	204	226	0.012	ng	#	30
63) Azobenzene	15.798	77	484	0.013	ng	#	54
66) n-Nitrosodiphenylamine	15.939	169	32200	0.978	ng	#	42
68) Hexachlorobenzene	16.492	284	67	0.005	ng	#	16
70) Pentachlorophenol	16.874	266	303	0.039	ng	#	48
71) Phenanthrene	17.239	178	4232	0.070	ng		97
72) Anthracene	17.239	178	4232	0.074	ng		96
73) Carbazole	17.627	167	1167	0.022	ng	#	59
74) Di-n-butylphthalate	18.168	149	9534	0.164	ng	#	94
75) Fluoranthene	19.262	202	5105	0.080	ng		97
77) Benzidine	19.409	184	121	0.011	ng	#	1
78) Pyrene	19.621	202	5742	0.097	ng	#	92
80) Butylbenzylphthalate	20.556	149	175	0.008	ng		89
81) Benzo(a)anthracene	21.421	228	3008	0.055	ng		94
82) 3,3'-Dichlorobenzidine	21.327	252	763	0.047	ng	#	50
83) Chrysene	21.421	228	3008	0.057	ng	#	91
84) Bis(2-ethylhexyl)phtha...	21.292	149	5654	0.199	ng	#	95
85) Di-n-octyl phthalate	22.203	149	827	0.018	ng	#	1
87) Indeno(1,2,3-cd)pyrene	26.162	276	4597	0.075	ng	#	49
88) Benzo(b)fluoranthene	23.015	252	4162	0.081	ng	#	1
89) Benzo(k)fluoranthene	23.062	252	2412	0.046	ng	#	1
90) Benzo(a)pyrene	23.615	252	2352	0.056	ng	#	1
91) Dibenzo(a,h)anthracene	26.180	278	2720	0.054	ng	#	1
92) Benzo(g,h,i)perylene	26.891	276	1934	0.039	ng	#	40

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

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