Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033651.D
Acq On : 05 Jan 2022 20:04
Operator : CG/JU
Sample : N1018-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FM-E3-02-4.5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 00:40:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	177307	20.000	ng		0.00
21) Naphthalene-d8	10.807	136	798849	20.000	ng		0.00
39) Acenaphthene-d10	14.624	164	535413	20.000	ng		0.00
64) Phenanthrene-d10	17.360	188	1134531	20.000	ng		0.00
76) Chrysene-d12	21.524	240	1063063	20.000	ng		0.00
86) Perylene-d12	23.959	264	1103933	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	1227103	109.150	ng		0.00
7) Phenol-d6	7.143	99	1710998	112.922	ng		0.00
23) Nitrobenzene-d5	9.148	82	1191573	68.887	ng		0.00
42) 2,4,6-Tribromophenol	16.107	330	557278	99.652	ng		0.00
45) 2-Fluorobiphenyl	13.260	172	2625776	64.235	ng		0.00
79) Terphenyl-d14	19.971	244	3942493	66.755	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	186458	37.004	ng		95
3) Pyridine	3.766	79	428281	32.825	ng		97
4) n-Nitrosodimethylamine	3.672	42	289373	44.392	ng	#	76
6) Aniline	7.301	93	578014	33.677	ng		98
8) 2-Chlorophenol	7.548	128	626291	50.944	ng		91
9) Benzaldehyde	7.107	77	378666	41.190	ng		93
10) Phenol	7.166	94	805155	52.853	ng		94
11) bis(2-Chloroethyl)ether	7.401	93	551978	45.933	ng		96
12) 1,3-Dichlorobenzene	7.878	146	618775	45.033	ng		95
13) 1,4-Dichlorobenzene	8.019	146	635822	45.248	ng		97
14) 1,2-Dichlorobenzene	8.342	146	611920	45.030	ng		99
15) Benzyl Alcohol	8.225	79	636058	51.424	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.525	45	826351	45.598	ng		98
17) 2-Methylphenol	8.431	107	553426	52.627	ng		96
18) Hexachloroethane	9.084	117	246192	46.238	ng		96
19) n-Nitroso-di-n-propyla...	8.801	70	488370	49.332	ng		91
20) 3+4-Methylphenols	8.760	107	755066	52.558	ng		96
22) Acetophenone	8.813	105	943868	44.055	ng	#	95
24) Nitrobenzene	9.195	77	721174	43.843	ng		93
25) Isophorone	9.731	82	1303863	46.535	ng		97
26) 2-Nitrophenol	9.907	139	326723	47.142	ng		88
27) 2,4-Dimethylphenol	9.972	122	625242	54.040	ng		97
28) bis(2-Chloroethoxy)met...	10.213	93	793401	42.954	ng		99
29) 2,4-Dichlorophenol	10.448	162	627904	49.568	ng		100
30) 1,2,4-Trichlorobenzene	10.666	180	595394	42.080	ng		97
31) Naphthalene	10.854	128	1914425	43.725	ng		99
32) Benzoic acid	10.119	122	436757	53.647	ng		92
33) 4-Chloroaniline	10.954	127	136773	7.917	ng		94
34) Hexachlorobutadiene	11.154	225	383957	41.546	ng		97
35) Caprolactam	11.742	113	201157m	57.254	ng		
36) 4-Chloro-3-methylphenol	12.083	107	756663	51.421	ng		99
37) 2-Methylnaphthalene	12.466	142	1415878	47.857	ng		99
38) 1-Methylnaphthalene	12.683	142	1313873	45.692	ng		100
40) 1,2,4,5-Tetrachloroben...	12.830	216	703164	41.544	ng		99
41) Hexachlorocyclopentadiene	12.819	237	948535	89.085	ng		98
43) 2,4,6-Trichlorophenol	13.066	196	488461	44.238	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.130	196	535999	45.883	ng		98
46) 1,1'-Biphenyl	13.466	154	1868271	42.719	ng		98
47) 2-Chloronaphthalene	13.507	162	1371608	41.767	ng		97
48) 2-Nitroaniline	13.701	65	493610	47.916	ng		88
49) Acenaphthylene	14.348	152	2297942	44.839	ng		99
50) Dimethylphthalate	14.083	163	1866861	44.915	ng		99
51) 2,6-Dinitrotoluene	14.195	165	400041	49.697	ng		94
52) Acenaphthene	14.689	154	1663490m	49.900	ng		
53) 3-Nitroaniline	14.519	138	185559	21.600	ng		91
54) 2,4-Dinitrophenol	14.724	184	420434	113.165	ng		88
55) Dibenzofuran	15.024	168	2179456	43.614	ng		95
56) 4-Nitrophenol	14.824	139	742053	108.992	ng		91
57) 2,4-Dinitrotoluene	14.977	165	571207	55.573	ng		89
58) Fluorene	15.671	166	1752271	45.775	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.248	232	476977	48.356	ng		99
60) Diethylphthalate	15.442	149	1991696	46.515	ng		99
61) 4-Chlorophenyl-phenyle...	15.660	204	879371	44.521	ng		93
62) 4-Nitroaniline	15.683	138	423403	50.601	ng		93
63) Azobenzene	15.954	77	1911335	45.152	ng		96
65) 4,6-Dinitro-2-methylph...	15.736	198	280639	45.052	ng		90
66) n-Nitrosodiphenylamine	15.871	169	1581277	41.243	ng		99
67) 4-Bromophenyl-phenylether	16.554	248	526031	41.917	ng		95
68) Hexachlorobenzene	16.671	284	601594	42.094	ng		100
69) Atrazine	16.824	200	602666	45.819	ng		99
70) Pentachlorophenol	17.013	266	828806	95.360	ng		98
71) Phenanthrene	17.407	178	2824854	43.513	ng		99
72) Anthracene	17.495	178	2897107	45.494	ng		98
73) Carbazole	17.760	167	2640344	43.980	ng		99
74) Di-n-butylphthalate	18.330	149	3464676	44.709	ng		99
75) Fluoranthene	19.412	202	3275666	48.062	ng		99
77) Benzidine	19.589	184	1502140	47.081	ng		99
78) Pyrene	19.771	202	3309886	44.223	ng		98
80) Butylbenzylphthalate	20.665	149	1550378	46.377	ng		96
81) Benzo(a)anthracene	21.506	228	3094528	42.928	ng		99
82) 3,3'-Dichlorobenzidine	21.436	252	590671	23.098	ng		99
83) Chrysene	21.565	228	3011973	43.662	ng		99
84) Bis(2-ethylhexyl)phtha...	21.442	149	2312704	45.415	ng		100
85) Di-n-octyl phthalate	22.383	149	4017157	48.510	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.512	276	3367319	41.364	ng		99
88) Benzo(b)fluoranthene	23.218	252	3316004	47.114	ng		99
89) Benzo(k)fluoranthene	23.265	252	3107152	45.550	ng		99
90) Benzo(a)pyrene	23.853	252	3125079	53.499	ng		99
91) Dibenzo(a,h)anthracene	26.530	278	2866913	42.399	ng		96
92) Benzo(g,h,i)perylene	27.294	276	2733059	41.112	ng		98

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

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