Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033675.D
Acq On : 07 Jan 2022 18:55
Operator : CG/JU
Sample : N1071-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FM-E6-01-4.5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

Quant Time: Jan 08 06:54:06 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	7.978	152	174970	20.000	ng		0.00
21) Naphthalene-d8	10.795	136	733436	20.000	ng		-0.01
39) Acenaphthene-d10	14.619	164	490993	20.000	ng		0.00
64) Phenanthrene-d10	17.354	188	1046395	20.000	ng		0.00
76) Chrysene-d12	21.518	240	986719	20.000	ng		0.00
86) Perylene-d12	23.941	264	919189	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	1067873	96.256	ng		0.00
7) Phenol-d6	7.137	99	1396401	93.390	ng		0.00
23) Nitrobenzene-d5	9.142	82	938970	59.125	ng		-0.01
42) 2,4,6-Tribromophenol	16.101	330	581724	113.435	ng		0.00
45) 2-Fluorobiphenyl	13.248	172	2121311	56.589	ng		-0.01
79) Terphenyl-d14	19.965	244	3343091	60.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	178905	35.979	ng	#	90
3) Pyridine	3.766	79	423688	32.907	ng		94
4) n-Nitrosodimethylamine	3.672	42	263847	41.017	ng	#	71
6) Aniline	7.295	93	670234	39.571	ng		97
8) 2-Chlorophenol	7.537	128	577178	47.576	ng		90
9) Benzaldehyde	7.101	77	340323	37.150	ng		91
10) Phenol	7.160	94	728022	48.428	ng		95
11) bis(2-Chloroethyl)ether	7.395	93	511833	43.161	ng		92
12) 1,3-Dichlorobenzene	7.866	146	600920	44.318	ng		96
13) 1,4-Dichlorobenzene	8.013	146	617141	44.505	ng		97
14) 1,2-Dichlorobenzene	8.337	146	589704	43.975	ng		98
15) Benzyl Alcohol	8.219	79	568502	46.576	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.519	45	706826	39.524	ng		96
17) 2-Methylphenol	8.425	107	494631	47.665	ng		95
18) Hexachloroethane	9.072	117	231646	44.087	ng		94
19) n-Nitroso-di-n-propyla...	8.795	70	432628	44.285	ng	#	90
20) 3+4-Methylphenols	8.754	107	673254	47.489	ng		94
22) Acetophenone	8.807	105	876495	44.559	ng	#	93
24) Nitrobenzene	9.184	77	652535	43.208	ng		92
25) Isophorone	9.719	82	1162983	45.209	ng		98
26) 2-Nitrophenol	9.901	139	311181	48.904	ng	#	87
27) 2,4-Dimethylphenol	9.966	122	563468	53.044	ng		97
28) bis(2-Chloroethoxy)met...	10.201	93	699972	41.275	ng		98
29) 2,4-Dichlorophenol	10.442	162	562487	48.364	ng		99
30) 1,2,4-Trichlorobenzene	10.660	180	551831	42.480	ng		99
31) Naphthalene	10.848	128	1758623	43.749	ng		99
32) Benzoic acid	10.119	122	415743	55.620	ng	#	87
33) 4-Chloroaniline	10.948	127	285083	17.974	ng		94
34) Hexachlorobutadiene	11.142	225	360529	42.490	ng		98
35) Caprolactam	11.736	113	194231m	60.213	ng		
36) 4-Chloro-3-methylphenol	12.078	107	682699	50.533	ng		98
37) 2-Methylnaphthalene	12.454	142	1283606	47.256	ng		99
38) 1-Methylnaphthalene	12.672	142	1198394	45.393	ng		100
40) 1,2,4,5-Tetrachloroben...	12.825	216	652939	42.067	ng		99
41) Hexachlorocyclopentadiene	12.807	237	831533	85.162	ng		98
43) 2,4,6-Trichlorophenol	13.054	196	460692	45.498	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.125	196	508753	47.490	ng		97
46) 1,1'-Biphenyl	13.460	154	1700733	42.406	ng		98
47) 2-Chloronaphthalene	13.501	162	1259474	41.822	ng		98
48) 2-Nitroaniline	13.695	65	452781	47.929	ng	#	85
49) Acenaphthylene	14.342	152	2100948	44.704	ng		99
50) Dimethylphthalate	14.077	163	1710537	44.877	ng		99
51) 2,6-Dinitrotoluene	14.189	165	370795	50.231	ng		90
52) Acenaphthene	14.683	154	1526896m	49.946	ng		
53) 3-Nitroaniline	14.513	138	223068	28.316	ng		92
54) 2,4-Dinitrophenol	14.719	184	407865	119.714	ng		87
55) Dibenzofuran	15.013	168	1990635	43.439	ng		96
56) 4-Nitrophenol	14.819	139	680616	109.012	ng		89
57) 2,4-Dinitrotoluene	14.971	165	533433	56.593	ng	#	83
58) Fluorene	15.660	166	1604660	45.711	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.236	232	445990	49.305	ng		98
60) Diethylphthalate	15.436	149	1821935	46.400	ng		100
61) 4-Chlorophenyl-phenyle...	15.654	204	805943	44.495	ng		95
62) 4-Nitroaniline	15.671	138	394070	51.356	ng		94
63) Azobenzene	15.948	77	1692172	43.591	ng		93
65) 4,6-Dinitro-2-methylph...	15.730	198	272157	47.371	ng		85
66) n-Nitrosodiphenylamine	15.866	169	1442338	40.787	ng		100
67) 4-Bromophenyl-phenylether	16.548	248	477122	41.222	ng		99
68) Hexachlorobenzene	16.665	284	563572	42.755	ng		98
69) Atrazine	16.818	200	560634	46.213	ng		99
70) Pentachlorophenol	17.007	266	789482	98.486	ng		99
71) Phenanthrene	17.395	178	2586321	43.194	ng		99
72) Anthracene	17.489	178	2666216	45.395	ng		99
73) Carbazole	17.748	167	2429847	43.883	ng		99
74) Di-n-butylphthalate	18.324	149	3209825	44.909	ng		100
75) Fluoranthene	19.401	202	2987638	47.529	ng		99
77) Benzidine	19.577	184	1632292	55.118	ng		100
78) Pyrene	19.765	202	3075131	44.265	ng		99
80) Butylbenzylphthalate	20.653	149	1468684	47.332	ng		96
81) Benzo(a)anthracene	21.500	228	2864358	42.810	ng		99
82) 3,3'-Dichlorobenzidine	21.430	252	669712	28.215	ng		100
83) Chrysene	21.553	228	2788153	43.544	ng		99
84) Bis(2-ethylhexyl)phtha...	21.436	149	2170672	45.924	ng	#	98
85) Di-n-octyl phthalate	22.365	149	3753436	48.832	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.488	276	2607214	38.464	ng		100
88) Benzo(b)fluoranthene	23.206	252	2833601	48.352	ng		100
89) Benzo(k)fluoranthene	23.253	252	2649594	46.649	ng		99
90) Benzo(a)pyrene	23.841	252	2568184	52.802	ng		99
91) Dibenzo(a,h)anthracene	26.506	278	2223330	39.490	ng		97
92) Benzo(g,h,i)perylene	27.265	276	2124093	38.373	ng		98

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

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