Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
Data File : BM030372.D
Acq On : 10 Jun 2021 13:42
Operator : CG/JU
Sample : M2613-14MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)MSD

Manual Integrations APPROVED
mohammad
6/11/2021 2:11:50 PM

Quant Time: Jun 10 14:21:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 08 20:51:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	207569	20.000	ng		0.00
21) Naphthalene-d8	10.633	136	910636	20.000	ng	#	0.00
39) Acenaphthene-d10	14.468	164	672319	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1503354	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1739385	20.000	ng		0.00
86) Perylene-d12	23.644	264	1631732	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1647691	129.045	ng		0.00
7) Phenol-d6	7.016	99	2085169	112.810	ng		0.00
23) Nitrobenzene-d5	9.004	82	1442459	77.169	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1152152	136.302	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	3682264	72.025	ng		0.00
79) Terphenyl-d14	19.815	244	6999690	70.683	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	196750	35.645	ng	#	18
3) Pyridine	3.763	79	461941	32.784	ng	#	87
4) n-Nitrosodimethylamine	3.657	42	293430	41.022	ng	#	80
6) Aniline	7.181	93	869744	41.233	ng		96
8) 2-Chlorophenol	7.410	128	755250	50.397	ng		98
9) Benzaldehyde	6.987	77	385849	49.978	ng		95
10) Phenol	7.040	94	872997	46.752	ng		91
11) bis(2-Chloroethyl)ether	7.269	93	718777	48.855	ng		96
12) 1,3-Dichlorobenzene	7.739	146	725918	43.966	ng		97
13) 1,4-Dichlorobenzene	7.881	146	748567	44.490	ng		99
14) 1,2-Dichlorobenzene	8.198	146	732759	44.769	ng		99
15) Benzyl Alcohol	8.087	79	683954	52.727	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.375	45	991358	41.875	ng		92
17) 2-Methylphenol	8.287	107	648198	53.568	ng		92
18) Hexachloroethane	8.922	117	267254	44.194	ng		96
19) n-Nitroso-di-n-propyla...	8.651	70	577170	47.030	ng		98
20) 3+4-Methylphenols	8.610	107	891704	54.163	ng		95
22) Acetophenone	8.669	105	1137552	46.755	ng	#	99
24) Nitrobenzene	9.045	77	829838	42.559	ng		95
25) Isophorone	9.569	82	1563325	43.637	ng		99
26) 2-Nitrophenol	9.751	139	412244	48.266	ng		94
27) 2,4-Dimethylphenol	9.810	122	778523	56.141	ng		98
28) bis(2-Chloroethoxy)met...	10.045	93	984801	48.347	ng		99
29) 2,4-Dichlorophenol	10.286	162	824748	53.054	ng		99
30) 1,2,4-Trichlorobenzene	10.498	180	793389	44.712	ng		99
31) Naphthalene	10.686	128	2307990	43.509	ng		99
32) Benzoic acid	9.928	122	254405	26.161	ng		93
33) 4-Chloroaniline	10.804	127	441787	20.464	ng		97
34) Hexachlorobutadiene	10.975	225	458163	43.254	ng		97
35) Caprolactam	11.592	113	227962m	43.244	ng		
36) 4-Chloro-3-methylphenol	11.916	107	857506	52.660	ng		99
37) 2-Methylnaphthalene	12.292	142	1821084	46.789	ng		98
38) 1-Methylnaphthalene	12.516	142	1693562	45.684	ng		100
40) 1,2,4,5-Tetrachloroben...	12.663	216	984180	45.415	ng		99
41) Hexachlorocyclopentadiene	12.645	237	1107514	93.209	ng		98
43) 2,4,6-Trichlorophenol	12.904	196	722597	49.322	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	806581	50.192	ng	98
46) 1,1'-Biphenyl	13.304	154	2359586	43.338	ng	99
47) 2-Chloronaphthalene	13.345	162	1904603	43.279	ng	98
48) 2-Nitroaniline	13.551	65	585736	44.042	ng	96
49) Acenaphthylene	14.192	152	3078728	45.667	ng	99
50) Dimethylphthalate	13.927	163	2512378	46.955	ng	99
51) 2,6-Dinitrotoluene	14.045	165	562945	47.728	ng	94
52) Acenaphthene	14.533	154	1866454	43.342	ng	98
53) 3-Nitroaniline	14.374	138	512461	39.681	ng	97
54) 2,4-Dinitrophenol	14.580	184	472399	62.533	ng	87
55) Dibenzofuran	14.868	168	3010791	43.940	ng	100
56) 4-Nitrophenol	14.680	139	921567	92.015	ng	94
57) 2,4-Dinitrotoluene	14.833	165	790448	47.447	ng	95
58) Fluorene	15.515	166	2604756	46.078	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	712362	51.218	ng	96
60) Diethylphthalate	15.292	149	2544325	47.569	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1299196	46.633	ng	97
62) 4-Nitroaniline	15.539	138	623012	45.055	ng	86
63) Azobenzene	15.798	77	2318116	42.909	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	383151	39.092	ng	96
66) n-Nitrosodiphenylamine	15.721	169	2251808	43.071	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	726302	41.457	ng	98
68) Hexachlorobenzene	16.515	284	904419	45.528	ng	97
69) Atrazine	16.674	200	822871	58.769	ng	96
70) Pentachlorophenol	16.857	266	1255096	107.948	ng	98
71) Phenanthrene	17.251	178	4156653	43.940	ng	99
72) Anthracene	17.339	178	4302354	46.841	ng	100
73) Carbazole	17.604	167	3926003	44.821	ng	100
74) Di-n-butylphthalate	18.168	149	4528712	49.592	ng	99
75) Fluoranthene	19.256	202	5147380	47.938	ng	98
77) Benzidine	19.439	184	2494739	81.062	ng	99
78) Pyrene	19.615	202	5382603	40.839	ng	98
80) Butylbenzylphthalate	20.503	149	2196636	40.928	ng	98
81) Benzo(a)anthracene	21.350	228	5524214	43.637	ng	98
82) 3,3'-Dichlorobenzidine	21.286	252	1519641	39.653	ng	99
83) Chrysene	21.403	228	5338453	43.392	ng	97
84) Bis(2-ethylhexyl)phtha...	21.280	149	3370079	41.652	ng	99
85) Di-n-octyl phthalate	22.162	149	5801967	46.035	ng	100
87) Indeno(1,2,3-cd)pyrene	25.974	276	5330686	42.951	ng	98
88) Benzo(b)fluoranthene	22.962	252	5680319	45.995	ng	98
89) Benzo(k)fluoranthene	23.009	252	5259997	43.608	ng	98
90) Benzo(a)pyrene	23.550	252	5175081	47.387	ng	99
91) Dibenzo(a,h)anthracene	25.985	278	4548408	42.506	ng	99
92) Benzo(g,h,i)perylene	26.685	276	4274143	41.993	ng	98

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

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