Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027188.D
Acq On : 22 Aug 2020 02:19
Operator : JU/CG
Sample : L3746-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
359MSD

Manual Integrations APPROVED
Sohil
8/24/2020 1:48:42 PM

Quant Time: Aug 24 11:06:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 10:33:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119825	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	418115	20.00	ng		0.00
39) Acenaphthene-d10	14.25	164	246222	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	502358	20.00	ng		0.00
76) Chrysene-d12	21.19	240	588003	20.00	ng		0.00
86) Perylene-d12	23.37	264	687361	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	765650	124.56	ng		0.00
7) Phenol-d6	6.80	99	978119	115.90	ng		0.00
23) Nitrobenzene-d5	8.76	82	766043	75.59	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	395621	99.22	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	1219856	65.08	ng		0.00
79) Terphenyl-d14	19.63	244	1550543	49.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	110109	37.486	ng		97
3) Pyridine	3.59	79	278773	33.808	ng		96
4) n-Nitrosodimethylamine	3.49	42	125789	34.969	ng	#	78
6) Aniline	6.95	93	299968	31.289	ng		99
8) 2-Chlorophenol	7.19	128	293922	45.951	ng		98
9) Benzaldehyde	6.76	77	218054	37.737	ng		99
10) Phenol	6.83	94	386914	48.106	ng		90
11) bis(2-Chloroethyl)ether	7.05	93	299849	45.609	ng		97
12) 1,3-Dichlorobenzene	7.50	146	361841	40.420	ng		97
13) 1,4-Dichlorobenzene	7.65	146	369482	40.907	ng		99
14) 1,2-Dichlorobenzene	7.96	146	350947	40.967	ng		98
15) Benzyl Alcohol	7.85	79	310224	40.442	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.14	45	220136	41.737	ng		93
17) 2-Methylphenol	8.06	107	240864	43.281	ng		93
18) Hexachloroethane	8.68	117	139605	38.087	ng		97
19) n-Nitroso-di-n-propylamine	8.42	70	255281	39.408	ng		96
20) 3+4-Methylphenols	8.39	107	318853	42.818	ng		96
22) Acetophenone	8.43	105	446059	39.695	ng		95
24) Nitrobenzene	8.80	77	391333	38.150	ng		94
25) Isophorone	9.33	82	618563	41.671	ng		99
26) 2-Nitrophenol	9.50	139	154854	48.365	ng		91
27) 2,4-Dimethylphenol	9.57	122	246438	49.572	ng		97
28) bis(2-Chloroethoxy)methane	9.81	93	356405	39.346	ng		99
29) 2,4-Dichlorophenol	10.04	162	283496	40.890	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	347665	38.198	ng		99
31) Naphthalene	10.43	128	860588	40.609	ng		99
32) Benzoic acid	9.71	122	150043	37.336	ng		90
33) 4-Chloroaniline	10.55	127	138349	15.802	ng		95
34) Hexachlorobutadiene	10.73	225	226955	37.375	ng		98
35) Caprolactam	11.32	113	75076m	39.946	ng		
36) 4-Chloro-3-methylphenol	11.68	107	274701	38.330	ng		97
37) 2-Methylnaphthalene	12.05	142	627903	39.126	ng		98
38) 1-Methylnaphthalene	12.27	142	587155	38.018	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	387056	44.636	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	460245	96.024 ng	99
43) 2,4,6-Trichlorophenol	12.67	196	229252	42.816 ng	99
44) 2,4,5-Trichlorophenol	12.75	196	240259	42.315 ng	98
46) 1,1'-Biphenyl	13.08	154	802593	43.491 ng	99
47) 2-Chloronaphthalene	13.12	162	632948	40.227 ng	98
48) 2-Nitroaniline	13.32	65	192263	38.287 ng	93
49) Acenaphthylene	13.97	152	947932	43.321 ng	99
50) Dimethylphthalate	13.72	163	892052	44.624 ng	99
51) 2,6-Dinitrotoluene	13.82	165	164087	41.281 ng	93
52) Acenaphthene	14.32	154	572337	41.203 ng	99
53) 3-Nitroaniline	14.15	138	104064	27.146 ng	95
54) 2,4-Dinitrophenol	14.36	184	114485	55.166 ng	86
55) Dibenzofuran	14.65	168	933750	40.353 ng	96
56) 4-Nitrophenol	14.47	139	277290	90.639 ng	89
57) 2,4-Dinitrotoluene	14.62	165	221676	40.142 ng	92
58) Fluorene	15.30	166	745415	39.020 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.88	232	217929	39.183 ng	98
60) Diethylphthalate	15.09	149	712674	35.937 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	401992	36.638 ng	96
62) 4-Nitroaniline	15.32	138	142326	33.085 ng	91
63) Azobenzene	15.59	77	752375	36.978 ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	95164	38.572 ng	98
66) n-Nitrosodiphenylamine	15.52	169	633217	44.380 ng	100
67) 4-Bromophenyl-phenylether	16.20	248	247810	40.857 ng	93
68) Hexachlorobenzene	16.31	284	286370	39.757 ng	95
69) Atrazine	16.47	200	205020	37.954 ng	99
70) Pentachlorophenol	16.66	266	406055	104.225 ng	98
71) Phenanthrene	17.04	178	1172081	41.970 ng	99
72) Anthracene	17.13	178	1174638	43.999 ng	99
73) Carbazole	17.40	167	1044627	42.540 ng	100
74) Di-n-butylphthalate	17.98	149	1152653	40.641 ng	99
75) Fluoranthene	19.06	202	1462513	41.924 ng	99
77) Benzidine	19.24	184	884238	86.695 ng	99
78) Pyrene	19.42	202	1505147	42.068 ng	99
80) Butylbenzylphthalate	20.34	149	550891	42.125 ng	98
81) Benzo(a)anthracene	21.17	228	1606335	42.158 ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	568320	42.800 ng	98
83) Chrysene	21.23	228	1559298	42.137 ng	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	796870	42.813 ng	99
85) Di-n-octyl phthalate	22.00	149	1466041	47.741 ng	99
87) Indeno(1,2,3-cd)pyrene	25.56	276	2131466	39.620 ng	99
88) Benzo(b)fluoranthene	22.73	252	1780754	38.851 ng	100
89) Benzo(k)fluoranthene	22.77	252	1776075	39.577 ng	99
90) Benzo(a)pyrene	23.28	252	1648351	39.393 ng	99
91) Dibenzo(a,h)anthracene	25.57	278	1782989	39.821 ng	99
92) Benzo(g,h,i)perylene	26.23	276	1770140	41.035 ng	99

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

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