Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022206.D
Acq On : 20 Aug 2019 11:18
Operator : HP/JU
Sample : K4238-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-17MSD

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:33 PM

Quant Time: Aug 20 14:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	39224	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	148053	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	88539	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	162257	20.00	ng		0.00
76) Chrysene-d12	21.20	240	138755	20.00	ng		0.00
87) Perylene-d12	23.40	264	145894	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	295813	134.39	ng		0.00
7) Phenol-d6	6.77	99	394527	134.59	ng		0.00
23) Nitrobenzene-d5	8.74	82	281883	92.60	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	188239	131.35	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	638729	90.10	ng		0.00
79) Terphenyl-d14	19.63	244	799023	83.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	31804	34.485	ng	#	84
3) Pyridine	3.56	79	77483	33.163	ng	#	91
4) n-Nitrosodimethylamine	3.49	42	60528	43.242	ng	#	56
6) Aniline	6.93	93	112809	28.745	ng		95
8) 2-Chlorophenol	7.14	128	115871	44.212	ng		95
9) Benzaldehyde	6.74	77	54324	29.245	ng		94
10) Phenol	6.79	94	142775	46.008	ng		82
11) bis(2-Chloroethyl)ether	7.02	93	96169	39.175	ng		95
12) 1,3-Dichlorobenzene	7.45	146	122152	38.240	ng	#	91
13) 1,4-Dichlorobenzene	7.60	146	126528	39.016	ng		98
14) 1,2-Dichlorobenzene	7.92	146	122726	38.856	ng		98
15) Benzyl Alcohol	7.83	79	103726	40.255	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	129055	37.944	ng		99
17) 2-Methylphenol	8.02	107	93993	42.466	ng	#	91
18) Hexachloroethane	8.62	117	54488	38.700	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	89558	38.788	ng	#	85
20) 3+4-Methylphenols	8.36	107	123478	41.308	ng		91
22) Acetophenone	8.40	105	169239	44.559	ng	#	90
24) Nitrobenzene	8.78	77	141394	45.368	ng		91
25) Isophorone	9.30	82	232206	42.983	ng	#	96
26) 2-Nitrophenol	9.48	139	62464	47.316	ng	#	76
27) 2,4-Dimethylphenol	9.54	122	103747	52.137	ng		92
28) bis(2-Chloroethoxy)methane	9.78	93	137987	43.176	ng		99
29) 2,4-Dichlorophenol	10.01	162	113425	47.236	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	129221	43.688	ng		98
31) Naphthalene	10.39	128	342039	44.481	ng		99
32) Benzoic acid	9.73	122	61350	36.117	ng	#	83
33) 4-Chloroaniline	10.54	127	30311	9.419	ng		94
34) Hexachlorobutadiene	10.65	225	110143	43.400	ng		98
35) Caprolactam	11.37	113	25368m	39.301	ng		
36) 4-Chloro-3-methylphenol	11.66	107	112301	44.245	ng		96
37) 2-Methylnaphthalene	12.02	142	248138	44.149	ng	#	92
38) 1-Methylnaphthalene	12.24	142	233679	43.528	ng	#	95
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	167819	48.423	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	192503	92.873	ng		98
43) 2,4,6-Trichlorophenol	12.65	196	96271	46.339	ng		97
44) 2,4,5-Trichlorophenol	12.72	196	98485	46.701	ng	#	94
46) 1,1'-Biphenyl	13.05	154	323709	46.489	ng		99
47) 2-Chloronaphthalene	13.09	162	254196	44.358	ng		96
48) 2-Nitroaniline	13.33	65	74067	40.891	ng		88
49) Acenaphthylene	13.95	152	393232	44.737	ng		100
50) Dimethylphthalate	13.70	163	381489	51.249	ng		98
51) 2,6-Dinitrotoluene	13.84	165	64502	43.878	ng	#	64
52) Acenaphthene	14.29	154	224803	43.856	ng		97
53) 3-Nitroaniline	14.17	138	27157	18.550	ng	#	95
54) 2,4-Dinitrophenol	14.40	184	53991	65.461	ng	#	68
55) Dibenzofuran	14.63	168	377151	44.278	ng	#	89
56) 4-Nitrophenol	14.50	139	94350	96.699	ng	#	55
57) 2,4-Dinitrotoluene	14.64	165	88266	41.824	ng	#	54
58) Fluorene	15.29	166	303312	42.240	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	93284	44.368	ng	#	94
60) Diethylphthalate	15.07	149	319447	40.695	ng		96
61) 4-Chlorophenyl-phenylether	15.28	204	190960	42.197	ng		95
62) 4-Nitroaniline	15.35	138	49288	36.376	ng	#	51
63) Azobenzene	15.57	77	323756	42.801	ng		84
65) 4,6-Dinitro-2-methylphenol	15.41	198	40850	40.184	ng		86
66) n-Nitrosodiphenylamine	15.51	169	245662	47.218	ng		99
67) 4-Bromophenyl-phenylether	16.18	248	109636	45.598	ng	#	92
68) Hexachlorobenzene	16.28	284	118441	43.359	ng	#	84
69) Atrazine	16.47	200	89075	51.702	ng		97
70) Pentachlorophenol	16.64	266	127527	95.957	ng		96
71) Phenanthrene	17.03	178	420012	44.637	ng		98
72) Anthracene	17.12	178	421131	45.086	ng		98
73) Carbazole	17.41	167	335861	43.092	ng	#	97
74) Di-n-butylphthalate	17.96	149	488673	41.323	ng	#	98
75) Fluoranthene	19.06	202	477633	42.094	ng		99
77) Benzidine	19.27	184	166469	53.489	ng		99
78) Pyrene	19.43	202	482505	49.403	ng		99
80) Butylbenzylphthalate	20.33	149	197038	45.105	ng	#	85
81) Benzo(a)anthracene	21.18	228	435383	44.618	ng		100
82) 3,3'-Dichlorobenzidine	21.13	252	81447	23.939	ng		97
83) Chrysene	21.23	228	418200	44.396	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	290202	44.173	ng		93
85) Di-n-octyl phthalate	21.97	149	459032	43.169	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.60	276	546685	51.811	ng		97
88) Benzo(b)fluoranthene	22.74	252	414897	42.590	ng		98
89) Benzo(k)fluoranthene	22.78	252	419090	44.011	ng		99
90) Benzo(a)pyrene	23.30	252	414318	46.701	ng		98
91) Dibenzo(a,h)anthracene	25.60	278	459491	48.744	ng		98
92) Benzo(g,h,i)perylene	26.27	276	429805	52.152	ng		97

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

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