Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022222.D
Acq On : 21 Aug 2019 10:49
Operator : HP/JU
Sample : K4264-21MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
REACTOR-3-C1-C4-(3)MS

Manual Integrations APPROVED
Jagrut
8/22/2019 2:00:00 PM

Quant Time: Aug 22 00:24:29 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	35724	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	133309	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	76767	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	142772	20.00	ng		0.00
76) Chrysene-d12	21.19	240	127481	20.00	ng		0.00
87) Perylene-d12	23.39	264	142352	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	213401	106.45	ng		0.00
7) Phenol-d6	6.76	99	278273	104.24	ng		0.00
23) Nitrobenzene-d5	8.74	82	203303	74.17	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	124165	99.93	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	404339	65.79	ng		0.00
79) Terphenyl-d14	19.63	244	492713	56.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	32830	39.086	ng	#	85
3) Pyridine	3.56	79	76459	35.931	ng	#	84
4) n-Nitrosodimethylamine	3.49	42	59673	46.808	ng	#	56
6) Aniline	6.92	93	87177	24.390	ng		92
8) 2-Chlorophenol	7.14	128	106441	44.593	ng		96
9) Benzaldehyde	6.74	77	48747	28.814	ng		92
10) Phenol	6.79	94	125878	44.538	ng		80
11) bis(2-Chloroethyl)ether	7.02	93	88964	39.791	ng		96
12) 1,3-Dichlorobenzene	7.45	146	117446	40.369	ng	#	91
13) 1,4-Dichlorobenzene	7.60	146	118051	39.968	ng		95
14) 1,2-Dichlorobenzene	7.91	146	115114	40.017	ng		98
15) Benzyl Alcohol	7.83	79	95955m	40.888	ng		
16) 2,2'-oxybis(1-Chloropropan	8.09	45	118077	38.117	ng		97
17) 2-Methylphenol	8.02	107	84204	41.770	ng	#	90
18) Hexachloroethane	8.62	117	51717	40.331	ng		95
19) n-Nitroso-di-n-propylamine	8.38	70	80876	38.460	ng	#	86
20) 3+4-Methylphenols	8.35	107	110638	40.638	ng		94
22) Acetophenone	8.40	105	153307	44.828	ng	#	89
24) Nitrobenzene	8.78	77	128024	45.621	ng		90
25) Isophorone	9.30	82	210674	43.311	ng	#	97
26) 2-Nitrophenol	9.48	139	55163	46.407	ng	#	72
27) 2,4-Dimethylphenol	9.54	122	91467	51.050	ng		89
28) bis(2-Chloroethoxy)methane	9.77	93	125007	43.440	ng		98
29) 2,4-Dichlorophenol	10.00	162	100380	46.427	ng		98
30) 1,2,4-Trichlorobenzene	10.20	180	118429	44.468	ng		99
31) Naphthalene	10.39	128	309986	44.772	ng		99
32) Benzoic acid	9.72	122	60510m	39.562	ng		
33) 4-Chloroaniline	10.54	127	22104	7.628	ng	#	92
34) Hexachlorobutadiene	10.65	225	102897	45.029	ng		97
35) Caprolactam	11.36	113	22016m	37.881	ng		
36) 4-Chloro-3-methylphenol	11.66	107	99430	43.507	ng		96
37) 2-Methylnaphthalene	12.02	142	225514	44.562	ng	#	93
38) 1-Methylnaphthalene	12.24	142	209658	43.372	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	155163	51.636	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	167943	93.384	ng		96
43) 2,4,6-Trichlorophenol	12.65	196	86036	47.763	ng		93
44) 2,4,5-Trichlorophenol	12.72	196	87104	47.638	ng	#	91
46) 1,1'-Biphenyl	13.05	154	288549	47.795	ng		97
47) 2-Chloronaphthalene	13.09	162	228545	45.998	ng		95
48) 2-Nitroaniline	13.33	65	65865	41.938	ng	#	83
49) Acenaphthylene	13.95	152	350735	46.021	ng		99
50) Dimethylphthalate	13.70	163	326937	50.655	ng		100
51) 2,6-Dinitrotoluene	13.83	165	57894	45.422	ng	#	61
52) Acenaphthene	14.29	154	208128	46.829	ng		96
53) 3-Nitroaniline	14.17	138	22666	17.857	ng		98
54) 2,4-Dinitrophenol	14.40	184	51779	71.869	ng	#	68
55) Dibenzofuran	14.63	168	345134	46.733	ng	#	90
56) 4-Nitrophenol	14.49	139	81257	96.051	ng	#	53
57) 2,4-Dinitrotoluene	14.64	165	77878	42.561	ng	#	57
58) Fluorene	15.28	166	278006	44.653	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	84110	46.139	ng	#	94
60) Diethylphthalate	15.07	149	290281	42.651	ng		97
61) 4-Chlorophenyl-phenylether	15.28	204	169843	43.286	ng		97
62) 4-Nitroaniline	15.35	138	41715	35.508	ng	#	51
63) Azobenzene	15.57	77	292681	44.627	ng		84
65) 4,6-Dinitro-2-methylphenol	15.41	198	37819	41.970	ng		92
66) n-Nitrosodiphenylamine	15.50	169	219681	47.987	ng		98
67) 4-Bromophenyl-phenylether	16.18	248	98435	46.527	ng	#	93
68) Hexachlorobenzene	16.28	284	106623	44.360	ng	#	83
69) Atrazine	16.47	200	82212	54.231	ng		97
70) Pentachlorophenol	16.64	266	113325	96.908	ng		100
71) Phenanthrene	17.03	178	506209	61.140	ng		99
72) Anthracene	17.12	178	413587	50.322	ng		99
73) Carbazole	17.40	167	306991	44.763	ng		98
74) Di-n-butylphthalate	17.96	149	440563	42.340	ng	#	98
75) Fluoranthene	19.06	202	604842	60.580	ng		99
77) Benzidine	19.26	184	163368	57.135	ng		99
78) Pyrene	19.42	202	568256	63.329	ng		100
80) Butylbenzylphthalate	20.33	149	174732	43.537	ng		88
81) Benzo(a)anthracene	21.18	228	470803	52.515	ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	77233	24.708	ng		98
83) Chrysene	21.23	228	444112	51.316	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	259449	42.985	ng		94
85) Di-n-octyl phthalate	21.97	149	413803	42.357	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.59	276	582093	60.045	ng	#	96
88) Benzo(b)fluoranthene	22.73	252	486768	51.211	ng		99
89) Benzo(k)fluoranthene	22.77	252	419329	45.131	ng		99
90) Benzo(a)pyrene	23.29	252	452891	52.319	ng		99
91) Dibenzo(a,h)anthracene	25.59	278	473939	51.527	ng	#	97
92) Benzo(g,h,i)perylene	26.26	276	456699	56.794	ng		97

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

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