Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
Data File : BM022478.D
Acq On : 01 Sep 2019 15:44
Operator : HP/JU
Sample : K4619-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Manual Integrations APPROVED
mohammad
9/6/2019 8:16:40 AM

Quant Time: Sep 02 04:17:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 02 03:54:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	12585	20.00	ng		0.00
21) Naphthalene-d8	10.27	136	46058	20.00	ng		0.00
39) Acenaphthene-d10	14.17	164	28616	20.00	ng		0.00
64) Phenanthrene-d10	16.93	188	70541	20.00	ng		0.00
76) Chrysene-d12	21.15	240	114922	20.00	ng		0.00
87) Perylene-d12	23.34	264	129643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	87352	121.84	ng		0.00
7) Phenol-d6	6.70	99	114956	119.90	ng		0.00
23) Nitrobenzene-d5	8.67	82	83540	79.45	ng		0.00
42) 2,4,6-Tribromophenol	15.68	330	67276	114.89	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	184083	72.87	ng		0.00
79) Terphenyl-d14	19.58	244	491028	56.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	11825	35.742	ng	#	88
3) Pyridine	3.53	79	15097	18.971	ng	#	90
4) n-Nitrosodimethylamine	3.45	42	23276	42.422	ng		92
6) Aniline	6.86	93	33449	27.375	ng		96
8) 2-Chlorophenol	7.07	128	33871	41.044	ng		99
9) Benzaldehyde	6.69	77	26844	44.940	ng		99
10) Phenol	6.73	94	41723	43.318	ng		98
11) bis(2-Chloroethyl)ether	6.96	93	28599	39.344	ng		97
12) 1,3-Dichlorobenzene	7.39	146	37583	37.534	ng		99
13) 1,4-Dichlorobenzene	7.54	146	38646	38.092	ng		99
14) 1,2-Dichlorobenzene	7.85	146	37713	37.079	ng		96
15) Benzyl Alcohol	7.77	79	34385	37.803	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.04	45	36018	38.236	ng		99
17) 2-Methylphenol	7.96	107	27388	39.100	ng		97
18) Hexachloroethane	8.55	117	17370	36.926	ng		96
19) n-Nitroso-di-n-propylamine	8.32	70	26848	36.081	ng		97
20) 3+4-Methylphenols	8.30	107	36834	38.724	ng		94
22) Acetophenone	8.35	105	50978	40.082	ng	#	98
24) Nitrobenzene	8.72	77	43578	43.049	ng		99
25) Isophorone	9.23	82	70827	42.896	ng		97
26) 2-Nitrophenol	9.42	139	17857	44.038	ng		95
27) 2,4-Dimethylphenol	9.48	122	30647	50.668	ng		96
28) bis(2-Chloroethoxy)methane	9.72	93	38843	40.657	ng		95
29) 2,4-Dichlorophenol	9.96	162	33063	41.778	ng		95
30) 1,2,4-Trichlorobenzene	10.14	180	39172	38.871	ng		94
31) Naphthalene	10.32	128	100556	41.974	ng		100
32) Benzoic acid	9.63	122	5739	12.046	ng	#	86
33) 4-Chloroaniline	10.48	127	20610	19.994	ng		97
34) Hexachlorobutadiene	10.57	225	36956	37.180	ng		95
35) Caprolactam	11.33	113	9189m	45.682	ng		
36) 4-Chloro-3-methylphenol	11.61	107	35121	42.106	ng		98
37) 2-Methylnaphthalene	11.95	142	73062	40.133	ng		96
38) 1-Methylnaphthalene	12.17	142	68795	39.152	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	57729	42.508	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	40694	74.143	ng		98
43) 2,4,6-Trichlorophenol	12.59	196	32484	44.313	ng		100
44) 2,4,5-Trichlorophenol	12.68	196	32672	44.949	ng		97
46) 1,1'-Biphenyl	12.99	154	98077	41.946	ng		99
47) 2-Chloronaphthalene	13.03	162	78637	42.356	ng		98
48) 2-Nitroaniline	13.29	65	26861	44.922	ng		92
49) Acenaphthylene	13.89	152	125090	44.642	ng		98
50) Dimethylphthalate	13.64	163	133434	53.612	ng		99
51) 2,6-Dinitrotoluene	13.79	165	22703	46.436	ng		99
52) Acenaphthene	14.23	154	72369	43.064	ng		99
53) 3-Nitroaniline	14.13	138	14504	30.896	ng		96
54) 2,4-Dinitrophenol	14.37	184	18079	63.420	ng		98
55) Dibenzofuran	14.57	168	124024	43.809	ng		100
56) 4-Nitrophenol	14.47	139	28287	88.792	ng		95
57) 2,4-Dinitrotoluene	14.60	165	32223	45.842	ng	#	97
58) Fluorene	15.23	166	101023	39.942	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	37576	45.871	ng		97
60) Diethylphthalate	15.02	149	121268	46.647	ng		100
61) 4-Chlorophenyl-phenylether	15.23	204	66250	38.092	ng		97
62) 4-Nitroaniline	15.32	138	20520	46.702	ng		94
63) Azobenzene	15.52	77	124567	48.001	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	19594	46.549	ng		94
66) n-Nitrosodiphenylamine	15.45	169	89338	41.948	ng		99
67) 4-Bromophenyl-phenylether	16.12	248	43884	39.539	ng		97
68) Hexachlorobenzene	16.23	284	46586	37.055	ng		98
69) Atrazine	16.42	200	40424	44.581	ng		94
70) Pentachlorophenol	16.60	266	52379	93.146	ng		95
71) Phenanthrene	16.98	178	169197	41.149	ng		98
72) Anthracene	17.07	178	173650	42.924	ng		97
73) Carbazole	17.37	167	151444	45.288	ng		98
74) Di-n-butylphthalate	17.90	149	219587	48.427	ng		99
75) Fluoranthene	19.01	202	273964	50.032	ng		99
77) Benzidine	19.23	184	76100	39.325	ng		100
78) Pyrene	19.38	202	288688	36.860	ng		99
80) Butylbenzylphthalate	20.29	149	119750	43.812	ng		98
81) Benzo(a)anthracene	21.14	228	355628	43.113	ng		98
82) 3,3'-Dichlorobenzidine	21.09	252	88546	34.606	ng		99
83) Chrysene	21.19	228	340365	43.352	ng		100
84) Bis(2-ethylhexyl)phthalate	21.05	149	185621	50.016	ng		99
85) Di-n-octyl phthalate	21.92	149	341120	57.231	ng		100
86) Indeno(1,2,3-cd)pyrene	25.51	276	443745	56.189	ng		98
88) Benzo(b)fluoranthene	22.69	252	363336	40.342	ng		99
89) Benzo(k)fluoranthene	22.73	252	374053	41.866	ng		98
90) Benzo(a)pyrene	23.24	252	358213	44.810	ng	#	99
91) Dibenzo(a,h)anthracene	25.51	278	374696	47.005	ng		99
92) Benzo(g,h,i)perylene	26.18	276	332844	47.909	ng		99

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

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