Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022498.D
Acq On : 03 Sep 2019 12:15
Operator : HP/JU
Sample : K4619-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP1-COMPMS

Manual Integrations APPROVED
mohammad
9/6/2019 8:18:54 AM

Quant Time: Sep 04 02:10:21 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	17322	20.00	ng		-0.01
21) Naphthalene-d8	10.27	136	62016	20.00	ng		0.00
39) Acenaphthene-d10	14.16	164	36105	20.00	ng		0.00
64) Phenanthrene-d10	16.93	188	71470	20.00	ng		0.00
76) Chrysene-d12	21.16	240	81725	20.00	ng		0.00
87) Perylene-d12	23.34	264	87247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	86296	87.45	ng		0.00
7) Phenol-d6	6.70	99	110137	83.46	ng		0.00
23) Nitrobenzene-d5	8.67	82	86755	61.27	ng		0.00
42) 2,4,6-Tribromophenol	15.68	330	51982	70.36	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	181069	56.81	ng		0.00
79) Terphenyl-d14	19.58	244	300788	48.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	14005	30.755	ng		94
3) Pyridine	3.55	79	7104	6.486	ng		96
4) n-Nitrosodimethylamine	3.45	42	24489	32.428	ng	#	88
6) Aniline	6.86	93	23916	14.221	ng		98
8) 2-Chlorophenol	7.07	128	35414	31.178	ng		97
9) Benzaldehyde	6.68	77	28865	35.109	ng		99
10) Phenol	6.73	94	42437	32.011	ng		99
11) bis(2-Chloroethyl)ether	6.96	93	31095	31.080	ng		100
12) 1,3-Dichlorobenzene	7.39	146	42315	30.703	ng		98
13) 1,4-Dichlorobenzene	7.53	146	42159	30.191	ng		97
14) 1,2-Dichlorobenzene	7.85	146	39585	28.277	ng		94
15) Benzyl Alcohol	7.77	79	36150	28.875	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.02	45	40006	30.856	ng		94
17) 2-Methylphenol	7.96	107	28513	29.574	ng		96
18) Hexachloroethane	8.54	117	20977	32.399	ng		95
19) n-Nitroso-di-n-propylamine	8.32	70	26960	26.323	ng		95
20) 3+4-Methylphenols	8.30	107	35527	27.136	ng		97
22) Acetophenone	8.34	105	54824	32.014	ng	#	98
24) Nitrobenzene	8.72	77	46880	34.394	ng		97
25) Isophorone	9.23	82	71891	32.337	ng		98
26) 2-Nitrophenol	9.42	139	18037	33.036	ng		93
27) 2,4-Dimethylphenol	9.48	122	28181	34.602	ng		93
28) bis(2-Chloroethoxy)methane	9.72	93	41558	32.306	ng		96
29) 2,4-Dichlorophenol	9.96	162	32055	30.082	ng		95
30) 1,2,4-Trichlorobenzene	10.14	180	42640	31.424	ng		98
31) Naphthalene	10.32	128	106551	33.032	ng		99
32) Benzoic acid	9.66	122	874	1.362	ng		91
33) 4-Chloroaniline	10.49	127	8360	6.023	ng		96
34) Hexachlorobutadiene	10.57	225	44849	33.510	ng		97
35) Caprolactam	11.34	113	4759m	17.571	ng		
36) 4-Chloro-3-methylphenol	11.61	107	33135	29.503	ng		89
37) 2-Methylnaphthalene	11.95	142	74496	30.391	ng		94
38) 1-Methylnaphthalene	12.17	142	71539	30.237	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	62158	36.275	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	46247	67.894	ng		97
43) 2,4,6-Trichlorophenol	12.59	196	30084	32.527	ng		96
44) 2,4,5-Trichlorophenol	12.68	196	31103	33.915	ng		94
46) 1,1'-Biphenyl	12.99	154	96340	32.656	ng		97
47) 2-Chloronaphthalene	13.03	162	75767	32.345	ng		96
48) 2-Nitroaniline	13.29	65	23652	31.350	ng		96
49) Acenaphthylene	13.89	152	117053	33.109	ng		99
50) Dimethylphthalate	13.64	163	119643	38.100	ng		99
51) 2,6-Dinitrotoluene	13.79	165	19380	31.417	ng		96
52) Acenaphthene	14.23	154	68879	32.485	ng		96
53) 3-Nitroaniline	14.13	138	10056	16.978	ng		98
54) 2,4-Dinitrophenol	14.38	184	8102	27.865	ng		95
55) Dibenzofuran	14.57	168	113132	31.673	ng		94
56) 4-Nitrophenol	14.48	139	18225	48.378	ng		88
57) 2,4-Dinitrotoluene	14.60	165	25392	28.631	ng		99
58) Fluorene	15.23	166	90016	28.208	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	30361	29.376	ng		96
60) Diethylphthalate	15.01	149	99765	30.415	ng		99
61) 4-Chlorophenyl-phenylether	15.22	204	63423	28.903	ng		95
62) 4-Nitroaniline	15.32	138	13142	23.706	ng	#	82
63) Azobenzene	15.52	77	116086	35.454	ng		96
65) 4,6-Dinitro-2-methylphenol	15.37	198	11981	28.093	ng		97
66) n-Nitrosodiphenylamine	15.45	169	73241	33.943	ng		99
67) 4-Bromophenyl-phenylether	16.12	248	38073	33.858	ng		95
68) Hexachlorobenzene	16.23	284	39347	30.890	ng		96
69) Atrazine	16.42	200	30927	33.664	ng		98
70) Pentachlorophenol	16.60	266	31498	55.285	ng		98
71) Phenanthrene	16.97	178	131050	31.457	ng		98
72) Anthracene	17.07	178	130320	31.794	ng		99
73) Carbazole	17.36	167	104170	30.746	ng		97
74) Di-n-butylphthalate	17.90	149	157332	34.247	ng		99
75) Fluoranthene	19.01	202	173073	31.196	ng		100
77) Benzidine	19.24	184	6899	5.013	ng		99
78) Pyrene	19.38	202	177533	31.876	ng		99
80) Butylbenzylphthalate	20.29	149	69453	35.732	ng		100
81) Benzo(a)anthracene	21.14	228	188539	32.141	ng		99
82) 3,3'-Dichlorobenzidine	21.09	252	39594	21.760	ng	#	98
83) Chrysene	21.19	228	177762	31.838	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	103445	39.195	ng		97
85) Di-n-octyl phthalate	21.92	149	171692	40.506	ng		98
86) Indeno(1,2,3-cd)pyrene	25.50	276	247208	44.018	ng		99
88) Benzo(b)fluoranthene	22.69	252	188563m	31.110	ng		
89) Benzo(k)fluoranthene	22.73	252	183997	30.601	ng		98
90) Benzo(a)pyrene	23.25	252	182743	33.968	ng		98
91) Dibenzo(a,h)anthracene	25.51	278	206296	38.455	ng		97
92) Benzo(g,h,i)perylene	26.19	276	196294	41.984	ng		98

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

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