Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022499.D
Acq On : 03 Sep 2019 12:51
Operator : HP/JU
Sample : K4619-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP1-COMPMSD

Manual Integrations APPROVED
mohammad
9/6/2019 8:18:57 AM

Quant Time: Sep 04 02:11:48 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	19971	20.00	ng		0.00
21) Naphthalene-d8	10.27	136	71015	20.00	ng		-0.01
39) Acenaphthene-d10	14.16	164	41522	20.00	ng		0.00
64) Phenanthrene-d10	16.93	188	82607	20.00	ng		0.00
76) Chrysene-d12	21.15	240	92819	20.00	ng		0.00
87) Perylene-d12	23.34	264	101258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	130894	115.05	ng		0.00
7) Phenol-d6	6.71	99	165910	109.05	ng		0.00
23) Nitrobenzene-d5	8.67	82	128333	79.15	ng		0.00
42) 2,4,6-Tribromophenol	15.68	330	83901	98.75	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	275717	75.22	ng		0.00
79) Terphenyl-d14	19.58	244	463485	65.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	18528	35.291	ng		89
3) Pyridine	3.53	79	21389	16.937	ng		90
4) n-Nitrosodimethylamine	3.45	42	37901	43.530	ng		96
6) Aniline	6.86	93	54204	27.955	ng		99
8) 2-Chlorophenol	7.07	128	51848	39.592	ng		98
9) Benzaldehyde	6.68	77	38605	40.727	ng		95
10) Phenol	6.73	94	59608	38.999	ng		98
11) bis(2-Chloroethyl)ether	6.96	93	42969	37.251	ng		98
12) 1,3-Dichlorobenzene	7.39	146	58101	36.566	ng		99
13) 1,4-Dichlorobenzene	7.53	146	60207	37.396	ng		96
14) 1,2-Dichlorobenzene	7.85	146	56992	35.311	ng		97
15) Benzyl Alcohol	7.77	79	51948	35.990	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	54857	36.698	ng		99
17) 2-Methylphenol	7.96	107	40200	36.166	ng		95
18) Hexachloroethane	8.54	117	29784	39.900	ng		97
19) n-Nitroso-di-n-propylamine	8.32	70	38505	32.609	ng		100
20) 3+4-Methylphenols	8.29	107	52595	34.844	ng		97
22) Acetophenone	8.34	105	77740	39.643	ng	#	99
24) Nitrobenzene	8.72	77	65751	42.126	ng		97
25) Isophorone	9.23	82	102780	40.372	ng		96
26) 2-Nitrophenol	9.42	139	26579	42.512	ng		96
27) 2,4-Dimethylphenol	9.48	122	43144	46.262	ng		96
28) bis(2-Chloroethoxy)methane	9.72	93	58957	40.023	ng		97
29) 2,4-Dichlorophenol	9.95	162	47725	39.112	ng		92
30) 1,2,4-Trichlorobenzene	10.14	180	60542	38.963	ng		93
31) Naphthalene	10.32	128	150685	40.794	ng		99
32) Benzoic acid	9.65	122	8628	11.746	ng		95
33) 4-Chloroaniline	10.49	127	19124	12.033	ng		96
34) Hexachlorobutadiene	10.57	225	63651	41.532	ng		97
35) Caprolactam	11.32	113	9556m	30.811	ng		
36) 4-Chloro-3-methylphenol	11.61	107	47249	36.739	ng		98
37) 2-Methylnaphthalene	11.95	142	105761	37.678	ng		99
38) 1-Methylnaphthalene	12.17	142	99791	36.833	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	90050	45.697	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	74604	90.728	ng		97
43) 2,4,6-Trichlorophenol	12.59	196	44792	42.111	ng		98
44) 2,4,5-Trichlorophenol	12.67	196	43537	41.279	ng		97
46) 1,1'-Biphenyl	12.99	154	139043	40.982	ng		99
47) 2-Chloronaphthalene	13.03	162	110281	40.937	ng		98
48) 2-Nitroaniline	13.28	65	34632	39.915	ng		98
49) Acenaphthylene	13.89	152	165868	40.796	ng		98
50) Dimethylphthalate	13.64	163	171675	47.537	ng		98
51) 2,6-Dinitrotoluene	13.79	165	28454	40.109	ng		98
52) Acenaphthene	14.23	154	96663	39.642	ng		99
53) 3-Nitroaniline	14.13	138	15836	23.248	ng		94
54) 2,4-Dinitrophenol	14.37	184	22116	54.766	ng	#	81
55) Dibenzofuran	14.57	168	161557	39.329	ng		97
56) 4-Nitrophenol	14.47	139	29998	66.565	ng		94
57) 2,4-Dinitrotoluene	14.60	165	36195	35.488	ng	#	98
58) Fluorene	15.23	166	131300	35.777	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.81	232	47284	39.781	ng		98
60) Diethylphthalate	15.02	149	146520	38.842	ng		99
61) 4-Chlorophenyl-phenylether	15.22	204	94384	37.401	ng		97
62) 4-Nitroaniline	15.32	138	20963	32.881	ng		95
63) Azobenzene	15.52	77	163059	43.304	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	21692	44.006	ng		88
66) n-Nitrosodiphenylamine	15.45	169	107619	43.151	ng		98
67) 4-Bromophenyl-phenylether	16.12	248	56288	43.308	ng		94
68) Hexachlorobenzene	16.23	284	58492	39.730	ng		98
69) Atrazine	16.42	200	43339	40.815	ng		99
70) Pentachlorophenol	16.59	266	57904	87.931	ng		99
71) Phenanthrene	16.97	178	188456	39.138	ng		99
72) Anthracene	17.07	178	188002	39.683	ng		97
73) Carbazole	17.36	167	151197	38.610	ng		97
74) Di-n-butylphthalate	17.90	149	227292	42.805	ng		99
75) Fluoranthene	19.01	202	248221	38.710	ng		99
77) Benzidine	19.23	184	44271	28.325	ng		99
78) Pyrene	19.37	202	256961	40.622	ng		98
80) Butylbenzylphthalate	20.29	149	97406	44.124	ng		95
81) Benzo(a)anthracene	21.14	228	266679	40.029	ng		99
82) 3,3'-Dichlorobenzidine	21.09	252	69676	33.715	ng		99
83) Chrysene	21.19	228	257606	40.624	ng		100
84) Bis(2-ethylhexyl)phthalate	21.05	149	146969	49.031	ng		99
85) Di-n-octyl phthalate	21.92	149	248528	51.625	ng		100
86) Indeno(1,2,3-cd)pyrene	25.51	276	370830	58.138	ng		99
88) Benzo(b)fluoranthene	22.69	252	265164	37.695	ng		98
89) Benzo(k)fluoranthene	22.73	252	276051	39.558	ng		97
90) Benzo(a)pyrene	23.24	252	267463	42.837	ng		99
91) Dibenzo(a,h)anthracene	25.51	278	310549	49.879	ng		98
92) Benzo(g,h,i)perylene	26.18	276	286787	52.852	ng		97

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

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