Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026695.D
Acq On : 08 Jul 2020 02:22
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-W-10PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:59 AM

Quant Time: Jul 08 06:18:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	64489	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	298832	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	211409	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	483318	20.00	ng		0.00
76) Chrysene-d12	20.96	240	579259	20.00	ng		-0.01
86) Perylene-d12	23.03	264	606271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	691617	179.75	ng		0.00
7) Phenol-d6	6.54	99	1048083	170.97	ng		0.00
23) Nitrobenzene-d5	8.48	82	1065571	152.13	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	593974	192.87	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2398677	150.86	ng		0.00
79) Terphenyl-d14	19.42	244	4519089	153.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	20303	10.982	ng		96
3) Pyridine	3.36	79	40550	7.669	ng	#	89
4) n-Nitrosodimethylamine	3.27	42	30358	9.592	ng		97
6) Aniline	6.68	93	71348	9.483	ng		99
8) 2-Chlorophenol	6.90	128	44490	9.707	ng		98
9) Benzaldehyde	6.49	77	48556	14.272	ng		98
10) Phenol	6.56	94	57551	9.499	ng		96
11) bis(2-Chloroethyl)ether	6.78	93	47519	9.380	ng		98
12) 1,3-Dichlorobenzene	7.22	146	45434	9.120	ng		97
13) 1,4-Dichlorobenzene	7.36	146	48190	9.503	ng		96
14) 1,2-Dichlorobenzene	7.67	146	47407	9.385	ng		98
15) Benzyl Alcohol	7.59	79	45559	8.686	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.86	45	97388	9.314	ng		99
17) 2-Methylphenol	7.79	107	38971	8.464	ng		96
18) Hexachloroethane	8.38	117	18760	9.315	ng		93
19) n-Nitroso-di-n-propylamine	8.14	70	48695	9.547	ng		97
20) 3+4-Methylphenols	8.12	107	52158	8.240	ng		95
22) Acetophenone	8.15	105	81452	9.592	ng	#	96
24) Nitrobenzene	8.52	77	72359	9.820	ng		98
25) Isophorone	9.04	82	120751	8.990	ng		99
26) 2-Nitrophenol	9.22	139	23104	8.495	ng		92
27) 2,4-Dimethylphenol	9.30	122	42973	9.717	ng		97
28) bis(2-Chloroethoxy)methane	9.53	93	69479	9.363	ng		99
29) 2,4-Dichlorophenol	9.76	162	41475	8.516	ng		95
30) 1,2,4-Trichlorobenzene	9.96	180	49747	9.156	ng		96
31) Naphthalene	10.13	128	156573	9.420	ng		99
32) Benzoic acid	9.43	122	15098m	4.498	ng		
33) 4-Chloroaniline	10.26	127	62234	8.559	ng		99
34) Hexachlorobutadiene	10.42	225	31969	8.884	ng		99
35) Caprolactam	11.05	113	14639	8.485	ng	#	87
36) 4-Chloro-3-methylphenol	11.40	107	55098	8.951	ng		97
37) 2-Methylnaphthalene	11.76	142	115842	9.409	ng		98
38) 1-Methylnaphthalene	11.98	142	110337	9.354	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	63426	9.281	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	22819	6.998	ng		98
43) 2,4,6-Trichlorophenol	12.40	196	37370	8.347	ng		100
44) 2,4,5-Trichlorophenol	12.48	196	40744	7.745	ng		95
46) 1,1'-Biphenyl	12.81	154	165229	9.894	ng		98
47) 2-Chloronaphthalene	12.85	162	118539	8.787	ng		98
48) 2-Nitroaniline	13.07	65	43477	7.831	ng		97
49) Acenaphthylene	13.70	152	193093	8.954	ng		99
50) Dimethylphthalate	13.47	163	161376	8.924	ng		99
51) 2,6-Dinitrotoluene	13.58	165	33761	8.719	ng		95
52) Acenaphthene	14.05	154	117524	8.967	ng		99
53) 3-Nitroaniline	13.92	138	30902	7.671	ng		99
54) 2,4-Dinitrophenol	14.15	184	11900	5.251	ng	#	88
55) Dibenzofuran	14.39	168	192115	8.940	ng		99
56) 4-Nitrophenol	14.26	139	21590	6.830	ng		98
57) 2,4-Dinitrotoluene	14.39	165	45341	8.113	ng		91
58) Fluorene	15.05	166	155213	8.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	39877	8.680	ng		97
60) Diethylphthalate	14.85	149	171779	8.984	ng		99
61) 4-Chlorophenyl-phenylether	15.06	204	81475	8.452	ng		99
62) 4-Nitroaniline	15.09	138	25586	6.086	ng		96
63) Azobenzene	15.35	77	186264	8.869	ng		95
65) 4,6-Dinitro-2-methylphenol	15.16	198	22158	6.744	ng		93
66) n-Nitrosodiphenylamine	15.27	169	137531	8.954	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	51091	8.493	ng		96
68) Hexachlorobenzene	16.06	284	57836	9.134	ng		92
69) Atrazine	16.24	200	50976	11.037	ng		98
70) Pentachlorophenol	16.42	266	27030	7.546	ng		94
71) Phenanthrene	16.79	178	260430	9.127	ng		99
72) Anthracene	16.88	178	262390	9.238	ng		99
73) Carbazole	17.16	167	230521	8.513	ng		100
74) Di-n-butylphthalate	17.74	149	293875	8.631	ng		100
75) Fluoranthene	18.82	202	319296	9.086	ng		99
77) Benzidine	19.03	184	135842	11.895	ng		99
78) Pyrene	19.19	202	339327	9.299	ng		99
80) Butylbenzylphthalate	20.12	149	136542	8.338	ng		100
81) Benzo(a)anthracene	20.94	228	357595	9.190	ng		99
82) 3,3'-Dichlorobenzidine	20.89	252	126194	10.218	ng		99
83) Chrysene	21.00	228	342117	9.034	ng		98
84) Bis(2-ethylhexyl)phthalate	20.92	149	224985	8.576	ng		99
85) Di-n-octyl phthalate	21.76	149	376185	8.390	ng		97
87) Indeno(1,2,3-cd)pyrene	25.03	276	405098	9.386	ng		100
88) Benzo(b)fluoranthene	22.43	252	359284	8.994	ng		100
89) Benzo(k)fluoranthene	22.47	252	376144	9.599	ng		99
90) Benzo(a)pyrene	22.94	252	326441	8.803	ng		100
91) Dibenzo(a,h)anthracene	25.04	278	344884	9.466	ng		99
92) Benzo(g,h,i)perylene	25.64	276	335746	10.001	ng		99

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

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