Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
Data File : BM027677.D
Acq On : 02 Nov 2020 14:53
Operator : JU/CG
Sample : L4214-08
Misc : LOQ-WATER 5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:51 AM

Quant Time: Nov 02 15:28:18 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 02 13:50:31 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	32124	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	115760	20.00	ng		# 0.00
39) Acenaphthene-d10	15.010	164	71201	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	153426	20.00	ng		0.00
76) Chrysene-d12	21.827	240	150484	20.00	ng		0.00
86) Perylene-d12	24.280	264	145663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	292274	143.76	ng		0.00
7) Phenol-d6	7.522	99	387166	135.49	ng		0.00
23) Nitrobenzene-d5	9.581	82	288627	113.75	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	135965	159.92	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	574676	115.17	ng		0.00
79) Terphenyl-d14	20.286	244	857655	112.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	4150	4.75	ng	#	64
3) Pyridine	4.028	79	11349	4.54	ng	#	31
4) n-Nitrosodimethylamine	3.928	42	7350	4.74	ng	#	43
6) Aniline	7.704	93	15864	4.92	ng		97
8) 2-Chlorophenol	7.951	128	10007	4.90	ng		95
9) Benzaldehyde	7.510	77	11434	7.77	ng		95
10) Phenol	7.551	94	13000	4.81	ng		94
11) bis(2-Chloroethyl)ether	7.798	93	10074	4.86	ng		95
12) 1,3-Dichlorobenzene	8.287	146	11802	4.74	ng		96
13) 1,4-Dichlorobenzene	8.440	146	12035	4.81	ng		98
14) 1,2-Dichlorobenzene	8.763	146	11642	4.89	ng		93
15) Benzyl Alcohol	8.628	79	10621	4.64	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.934	45	15379	4.64	ng		75
17) 2-Methylphenol	8.828	107	8878	4.89	ng		99
18) Hexachloroethane	9.516	117	4589	4.63	ng		98
19) n-Nitroso-di-n-propyla...	9.204	70	8628	4.62	ng	#	71
20) 3+4-Methylphenols	9.157	107	11403	4.72	ng		90
22) Acetophenone	9.228	105	17077	5.19	ng	#	78
24) Nitrobenzene	9.616	77	13925	5.34	ng		97
25) Isophorone	10.145	82	23280	5.29	ng		96
26) 2-Nitrophenol	10.339	139	3948	4.60	ng		90
27) 2,4-Dimethylphenol	10.381	122	11679	6.93	ng		94
28) bis(2-Chloroethoxy)met...	10.622	93	13355	5.04	ng		100
29) 2,4-Dichlorophenol	10.869	162	8965	4.91	ng		91
30) 1,2,4-Trichlorobenzene	11.098	180	11670	5.25	ng		95
31) Naphthalene	11.292	128	31830	5.20	ng		98
32) Benzoic acid	10.410	122	2514m	2.53	ng		
33) 4-Chloroaniline	11.386	127	12682	4.71	ng		93
34) Hexachlorobutadiene	11.580	225	7288	5.06	ng	#	88
35) Caprolactam	12.110	113	2591	4.26	ng	#	48
36) 4-Chloro-3-methylphenol	12.469	107	9725	4.59	ng		97
37) 2-Methylnaphthalene	12.874	142	22833	5.26	ng		92
38) 1-Methylnaphthalene	13.092	142	20754	5.04	ng		98
40) 1,2,4,5-Tetrachloroben...	13.227	216	11748	5.22	ng		97
41) Hexachlorocyclopentadiene	13.210	237	6448	5.27	ng		89
43) 2,4,6-Trichlorophenol	13.451	196	6547	4.48	ng		94

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QLast Update : Mon Nov 02 13:50:31 2020
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	7395	4.72	ng	#	92
46) 1,1'-Biphenyl	13.857	154	29059	5.34	ng		97
47) 2-Chloronaphthalene	13.904	162	22990	5.10	ng		94
48) 2-Nitroaniline	14.086	65	6484	4.28	ng		94
49) Acenaphthylene	14.739	152	33663	4.95	ng		98
50) Dimethylphthalate	14.451	163	28343	4.97	ng		100
51) 2,6-Dinitrotoluene	14.569	165	5182	4.62	ng		89
52) Acenaphthene	15.074	154	21762	4.88	ng		97
53) 3-Nitroaniline	14.892	138	5248	4.13	ng	#	89
54) 2,4-Dinitrophenol	15.086	184	2027	4.28	ng	#	1
55) Dibenzofuran	15.404	168	33513	5.05	ng		96
56) 4-Nitrophenol	15.168	139	4143	4.02	ng		86
57) 2,4-Dinitrotoluene	15.339	165	5853	3.85	ng	#	71
58) Fluorene	16.045	166	27583	5.07	ng		89
59) 2,3,4,6-Tetrachlorophenol	15.616	232	6287	4.57	ng	#	92
60) Diethylphthalate	15.792	149	27713	4.77	ng		97
61) 4-Chlorophenyl-phenyle...	16.033	204	14323	5.11	ng		99
62) 4-Nitroaniline	16.033	138	5639	3.91	ng		90
63) Azobenzene	16.321	77	30144	5.00	ng		85
65) 4,6-Dinitro-2-methylph...	16.098	198	3077	4.98	ng		86
66) n-Nitrosodiphenylamine	16.239	169	23097	4.99	ng		96
67) 4-Bromophenyl-phenylether	16.915	248	8255	5.03	ng	#	86
68) Hexachlorobenzene	17.039	284	9339	4.91	ng	#	92
69) Atrazine	17.157	200	7226	4.61	ng		95
70) Pentachlorophenol	17.368	266	4327	4.20	ng	#	76
71) Phenanthrene	17.768	178	44039	5.09	ng		98
72) Anthracene	17.857	178	42529	5.02	ng		99
73) Carbazole	18.109	167	38306	4.76	ng		96
74) Di-n-butylphthalate	18.656	149	42818	4.53	ng		98
75) Fluoranthene	19.739	202	48843	4.80	ng		99
77) Benzidine	19.903	184	20599	4.81	ng		97
78) Pyrene	20.098	202	51051	4.89	ng		99
80) Butylbenzylphthalate	20.956	149	16431	4.16	ng		97
81) Benzo(a)anthracene	21.809	228	49997	4.92	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	17608	5.05	ng		93
83) Chrysene	21.862	228	48794	4.98	ng		98
84) Bis(2-ethylhexyl)phtha...	21.715	149	27681	4.79	ng		94
85) Di-n-octyl phthalate	22.662	149	43393	4.45	ng	#	83
87) Indeno(1,2,3-cd)pyrene	26.815	276	52844	4.96	ng		98
88) Benzo(b)fluoranthene	23.527	252	50673	5.10	ng	#	96
89) Benzo(k)fluoranthene	23.580	252	47100	4.98	ng	#	98
90) Benzo(a)pyrene	24.174	252	43627	4.76	ng		99
91) Dibenzo(a,h)anthracene	26.838	278	43456	4.99	ng		98
92) Benzo(g,h,i)perylene	27.603	276	43205	5.07	ng	#	95

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

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