Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
Data File : BM027678.D
Acq On : 02 Nov 2020 15:30
Operator : JU/CG
Sample : L4214-08
Misc : LOQ-WARER 10PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:54 AM

Quant Time: Nov 02 16:02:38 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	8.398	152	30023	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	122160	20.00	ng		# 0.00
39) Acenaphthene-d10	15.016	164	75817	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	161790	20.00	ng		0.00
76) Chrysene-d12	21.827	240	156816	20.00	ng		0.00
86) Perylene-d12	24.280	264	154118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	215877	113.61	ng		0.00
7) Phenol-d6	7.522	99	288503	108.03	ng		0.00
23) Nitrobenzene-d5	9.575	82	246015	91.87	ng		0.00
42) 2,4,6-Tribromophenol	16.474	330	100483	110.99	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	492987	92.78	ng		0.00
79) Terphenyl-d14	20.286	244	683161	85.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	7197	8.82	ng	#	66
3) Pyridine	4.022	79	20067	8.58	ng	#	47
4) n-Nitrosodimethylamine	3.922	42	14082	9.71	ng	#	44
6) Aniline	7.704	93	30489	10.12	ng		99
8) 2-Chlorophenol	7.951	128	18397	9.64	ng		93
9) Benzaldehyde	7.510	77	19682	14.31	ng		97
10) Phenol	7.545	94	24038	9.52	ng		96
11) bis(2-Chloroethyl)ether	7.798	93	19632	10.13	ng		82
12) 1,3-Dichlorobenzene	8.287	146	21933	9.42	ng		97
13) 1,4-Dichlorobenzene	8.439	146	22359	9.55	ng		98
14) 1,2-Dichlorobenzene	8.763	146	21222	9.53	ng		99
15) Benzyl Alcohol	8.628	79	20152	9.43	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.928	45	28759	9.28	ng		72
17) 2-Methylphenol	8.828	107	15853	9.34	ng		94
18) Hexachloroethane	9.510	117	8953	9.66	ng		89
19) n-Nitroso-di-n-propyla...	9.204	70	16724	9.57	ng	#	69
20) 3+4-Methylphenols	9.157	107	21327	9.45	ng		98
22) Acetophenone	9.228	105	32707	9.43	ng	#	84
24) Nitrobenzene	9.616	77	27281	9.90	ng		97
25) Isophorone	10.145	82	43797	9.43	ng		98
26) 2-Nitrophenol	10.339	139	7969	8.79	ng	#	85
27) 2,4-Dimethylphenol	10.381	122	17006	9.56	ng		91
28) bis(2-Chloroethoxy)met...	10.622	93	24746	8.85	ng		95
29) 2,4-Dichlorophenol	10.875	162	17317	9.00	ng		99
30) 1,2,4-Trichlorobenzene	11.098	180	20814	8.88	ng		97
31) Naphthalene	11.292	128	58944	9.13	ng		99
32) Benzoic acid	10.428	122	5992m	5.72	ng		
33) 4-Chloroaniline	11.386	127	24424	8.60	ng		97
34) Hexachlorobutadiene	11.580	225	13772	9.06	ng		92
35) Caprolactam	12.110	113	4907	7.65	ng	#	49
36) 4-Chloro-3-methylphenol	12.469	107	19277	8.61	ng		96
37) 2-Methylnaphthalene	12.874	142	41781	9.12	ng		99
38) 1-Methylnaphthalene	13.086	142	38204	8.80	ng		100
40) 1,2,4,5-Tetrachloroben...	13.227	216	22287	9.30	ng		98
41) Hexachlorocyclopentadiene	13.216	237	12127	9.30	ng		99
43) 2,4,6-Trichlorophenol	13.457	196	12848m	8.25	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	14275	8.56	ng	#	91
46) 1,1'-Biphenyl	13.857	154	54076	9.33	ng		99
47) 2-Chloronaphthalene	13.904	162	41614	8.67	ng		96
48) 2-Nitroaniline	14.086	65	12480	7.73	ng		92
49) Acenaphthylene	14.739	152	64351	8.88	ng		97
50) Dimethylphthalate	14.451	163	51453	8.47	ng		99
51) 2,6-Dinitrotoluene	14.569	165	9903	8.30	ng	#	84
52) Acenaphthene	15.074	154	40815	8.59	ng		97
53) 3-Nitroaniline	14.892	138	10215	7.55	ng	#	99
54) 2,4-Dinitrophenol	15.092	184	3927	7.79	ng	#	1
55) Dibenzofuran	15.404	168	62448	8.83	ng	#	91
56) 4-Nitrophenol	15.168	139	8333	7.59	ng		91
57) 2,4-Dinitrotoluene	15.339	165	12737	7.88	ng	#	77
58) Fluorene	16.045	166	51694	8.92	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.615	232	12368	8.45	ng		94
60) Diethylphthalate	15.792	149	53644	8.66	ng		97
61) 4-Chlorophenyl-phenyle...	16.033	204	25647	8.60	ng		92
62) 4-Nitroaniline	16.039	138	10892	7.10	ng		88
63) Azobenzene	16.321	77	57396	8.95	ng		85
65) 4,6-Dinitro-2-methylph...	16.098	198	5425	8.33	ng	#	57
66) n-Nitrosodiphenylamine	16.239	169	44697	9.15	ng		97
67) 4-Bromophenyl-phenylether	16.915	248	15647	9.04	ng		89
68) Hexachlorobenzene	17.039	284	17025	8.48	ng	#	93
69) Atrazine	17.157	200	14358	8.69	ng		93
70) Pentachlorophenol	17.368	266	8862	8.15	ng		92
71) Phenanthrene	17.768	178	79727	8.73	ng		99
72) Anthracene	17.857	178	80232	8.99	ng		100
73) Carbazole	18.109	167	73809	8.70	ng		99
74) Di-n-butylphthalate	18.656	149	86561	8.69	ng		98
75) Fluoranthene	19.739	202	93211	8.69	ng		99
77) Benzidine	19.903	184	39624	8.88	ng		95
78) Pyrene	20.098	202	95811	8.81	ng		98
80) Butylbenzylphthalate	20.956	149	31541	7.66	ng		90
81) Benzo(a)anthracene	21.809	228	91805	8.67	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	32660	8.99	ng	#	99
83) Chrysene	21.862	228	90331	8.85	ng		99
84) Bis(2-ethylhexyl)phtha...	21.715	149	53287	8.86	ng		99
85) Di-n-octyl phthalate	22.662	149	89486	8.81	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.821	276	98679	8.76	ng		97
88) Benzo(b)fluoranthene	23.533	252	93579	8.91	ng		98
89) Benzo(k)fluoranthene	23.580	252	88777	8.88	ng		99
90) Benzo(a)pyrene	24.174	252	82202	8.48	ng		98
91) Dibenzo(a,h)anthracene	26.838	278	82213	8.92	ng		99
92) Benzo(g,h,i)perylene	27.609	276	80255	8.90	ng		96

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

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