Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102820\
Data File : BG047108.D
Acq On : 28 Oct 2020 14:46
Operator : CG/JU
Sample : L4214-09
Misc : MDL-MDL-WATER 8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations APPROVED
mohammad
10/29/2020 10:43:53 AM

Quant Time: Oct 28 15:22:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 12:53:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.056	152	47755	20.00	ng	#	0.00
21) Naphthalene-d8	10.864	136	171196	20.00	ng	#	0.00
39) Acenaphthene-d10	14.689	164	121165	20.00	ng		0.00
64) Phenanthrene-d10	17.433	188	296045	20.00	ng	#	0.00
76) Chrysene-d12	21.699	240	379519	20.00	ng	#	0.00
86) Perylene-d12	24.930	264	389913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.612	112	417294	154.90	ng		0.00
7) Phenol-d6	7.210	99	556464	142.84	ng		0.00
23) Nitrobenzene-d5	9.219	82	408320	114.22	ng		0.00
42) 2,4,6-Tribromophenol	16.176	330	296176	152.50	ng		0.00
45) 2-Fluorobiphenyl	13.309	172	971482	113.36	ng		0.00
79) Terphenyl-d14	20.042	244	2055074	105.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	9790	8.04	ng	#	90
3) Pyridine	3.902	79	27325	8.27	ng	#	89
4) n-Nitrosodimethylamine	3.820	42	13782	7.88	ng	#	70
6) Aniline	7.374	93	40647	8.83	ng		97
8) 2-Chlorophenol	7.615	128	23825	8.32	ng		86
9) Benzaldehyde	7.186	77	25501	11.68	ng	#	78
10) Phenol	7.233	94	29332	7.97	ng		72
11) bis(2-Chloroethyl)ether	7.468	93	24160	8.35	ng		89
12) 1,3-Dichlorobenzene	7.944	146	30595	8.38	ng	#	85
13) 1,4-Dichlorobenzene	8.091	146	30959	8.40	ng		89
14) 1,2-Dichlorobenzene	8.408	146	28417	8.14	ng		93
15) Benzyl Alcohol	8.291	79	22724	7.48	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.579	45	36436	7.95	ng		97
17) 2-Methylphenol	8.491	107	20452	8.09	ng	#	86
18) Hexachloroethane	9.143	117	11263	8.16	ng	#	72
19) n-Nitroso-di-n-propyla...	8.855	70	21345	8.04	ng	#	96
20) 3+4-Methylphenols	8.814	107	27227	7.98	ng		87
22) Acetophenone	8.878	105	39580	8.58	ng	#	93
24) Nitrobenzene	9.260	77	33490	9.02	ng	#	88
25) Isophorone	9.777	82	54186	8.47	ng	#	96
26) 2-Nitrophenol	9.977	139	12559	7.80	ng	#	71
27) 2,4-Dimethylphenol	10.030	122	19801	9.00	ng	#	81
28) bis(2-Chloroethoxy)met...	10.259	93	32295	8.18	ng		93
29) 2,4-Dichlorophenol	10.506	162	25660	8.47	ng		96
30) 1,2,4-Trichlorobenzene	10.729	180	30332	8.13	ng		96
31) Naphthalene	10.917	128	78348	8.75	ng		98
32) Benzoic acid	10.095	122	6445m	3.70	ng		
33) 4-Chloroaniline	11.023	127	31711	8.14	ng	#	97
34) Hexachlorobutadiene	11.205	225	22611	8.08	ng		95
35) Caprolactam	11.775	113	7125	7.07	ng		90
36) 4-Chloro-3-methylphenol	12.133	107	22921	7.29	ng		90
37) 2-Methylnaphthalene	12.521	142	59789	8.60	ng		96
38) 1-Methylnaphthalene	12.739	142	54773	8.31	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.886	216	38760	8.76	ng		98
41) Hexachlorocyclopentadiene	12.862	237	19874	8.22	ng		94
43) 2,4,6-Trichlorophenol	13.121	196	22492	7.80	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.191	196	22264	7.59	ng	#	88
46) 1,1'-Biphenyl	13.520	154	78677	8.58	ng		96
47) 2-Chloronaphthalene	13.567	162	60209	7.97	ng		97
48) 2-Nitroaniline	13.761	65	17702	7.19	ng	#	71
49) Acenaphthylene	14.407	152	93443	8.52	ng		97
50) Dimethylphthalate	14.131	163	83026	8.32	ng		99
51) 2,6-Dinitrotoluene	14.255	165	16381	7.87	ng	#	58
52) Acenaphthene	14.748	154	60359	8.44	ng		95
53) 3-Nitroaniline	14.584	138	16043	7.76	ng		86
54) 2,4-Dinitrophenol	14.801	184	7515	5.47	ng	#	82
55) Dibenzofuran	15.083	168	100039	8.71	ng		96
56) 4-Nitrophenol	14.883	139	11224	6.94	ng	#	67
57) 2,4-Dinitrotoluene	15.042	165	23437	7.84	ng	#	84
58) Fluorene	15.729	166	78952	8.52	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.306	232	23667	7.60	ng		95
60) Diethylphthalate	15.494	149	83180	8.36	ng		98
61) 4-Chlorophenyl-phenyle...	15.723	204	45232	8.18	ng		97
62) 4-Nitroaniline	15.741	138	17294	7.79	ng	#	65
63) Azobenzene	16.017	77	77687	8.79	ng		94
65) 4,6-Dinitro-2-methylph...	15.800	198	14669	8.05	ng		89
66) n-Nitrosodiphenylamine	15.935	169	72333	8.52	ng		96
67) 4-Bromophenyl-phenylether	16.616	248	31309	8.04	ng	#	91
68) Hexachlorobenzene	16.734	284	32086	7.81	ng		98
69) Atrazine	16.875	200	28185	8.06	ng		92
70) Pentachlorophenol	17.081	266	18257	7.62	ng		96
71) Phenanthrene	17.474	178	140503	8.89	ng		96
72) Anthracene	17.562	178	141166	9.11	ng		96
73) Carbazole	17.833	167	123128	8.94	ng		97
74) Di-n-butylphthalate	18.385	149	158926	9.33	ng	#	95
75) Fluoranthene	19.478	202	193775	9.53	ng		95
77) Benzidine	19.660	184	86470	9.97	ng		96
78) Pyrene	19.842	202	199425	8.24	ng		98
80) Butylbenzylphthalate	20.718	149	71096	7.67	ng		90
81) Benzo(a)anthracene	21.675	228	214481	8.63	ng		94
82) 3,3'-Dichlorobenzidine	21.593	252	81764	9.07	ng		96
83) Chrysene	21.746	228	208194	8.79	ng		98
84) Bis(2-ethylhexyl)phtha...	21.581	149	104881	8.03	ng		91
85) Di-n-octyl phthalate	22.792	149	183816	8.37	ng		97
87) Indeno(1,2,3-cd)pyrene	28.597	276	236875	8.32	ng	#	93
88) Benzo(b)fluoranthene	23.902	252	213439	8.38	ng	#	93
89) Benzo(k)fluoranthene	23.967	252	214363	8.66	ng	#	94
90) Benzo(a)pyrene	24.772	252	191374	8.04	ng	#	95
91) Dibenzo(a,h)anthracene	28.679	278	194072	8.39	ng	#	92
92) Benzo(g,h,i)perylene	29.748	276	195124	8.49	ng	#	91

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

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