Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111120\
Data File : BF122308.D
Acq On : 11 Nov 2020 11:54
Operator : JU/CG
Sample : L4214-09
Misc : MDL-MDL-WATER-4PPM
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/12/2020 11:39:14 AM

Quant Time: Nov 11 12:17:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 11 11:01:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	348587	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1241433	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	661256	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1182165	20.00	ng		0.00
76) Chrysene-d12	14.027	240	1099329	20.00	ng		0.00
86) Perylene-d12	15.498	264	1064504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2833084	124.80	ng		0.00
7) Phenol-d6	6.498	99	3685198	124.09	ng		0.00
23) Nitrobenzene-d5	7.434	82	2408548	118.77	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	1038761	146.36	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	3805673	89.92	ng		0.00
79) Terphenyl-d14	12.986	244	4489234	86.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	39997	3.84	ng		93
3) Pyridine	3.463	79	106691	3.73	ng		98
4) n-Nitrosodimethylamine	3.310	42	49170	3.64	ng	#	95
6) Aniline	6.534	93	153504	3.94	ng		95
8) 2-Chlorophenol	6.651	128	94930	4.03	ng		93
9) Benzaldehyde	6.416	77	81626	4.87	ng		96
10) Phenol	6.504	94	117949m	4.03	ng		
11) bis(2-Chloroethyl)ether	6.598	93	96801	4.16	ng		97
12) 1,3-Dichlorobenzene	6.804	146	111414	4.17	ng		97
13) 1,4-Dichlorobenzene	6.881	146	113601	4.23	ng		100
14) 1,2-Dichlorobenzene	7.040	146	105523	4.21	ng		99
15) Benzyl Alcohol	6.998	79	64669	3.06	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.140	45	135961	4.01	ng		97
17) 2-Methylphenol	7.104	107	77238	3.93	ng		99
18) Hexachloroethane	7.381	117	37467	4.01	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	71777	4.04	ng		97
20) 3+4-Methylphenols	7.257	107	97917	4.05	ng	#	68
22) Acetophenone	7.269	105	142581	4.41	ng	#	87
24) Nitrobenzene	7.445	77	109936	4.74	ng		98
25) Isophorone	7.681	82	186528	4.13	ng		97
26) 2-Nitrophenol	7.757	139	32615	4.17	ng		90
27) 2,4-Dimethylphenol	7.792	122	88117	4.13	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	118620	4.29	ng		98
29) 2,4-Dichlorophenol	7.998	162	74604	3.95	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	89339	4.29	ng		96
31) Naphthalene	8.169	128	288821	4.38	ng		99
32) Benzoic acid	7.834	122	21136m	2.20	ng		
33) 4-Chloroaniline	8.210	127	119726	4.17	ng		99
34) Hexachlorobutadiene	8.292	225	50068	4.18	ng		98
35) Caprolactam	8.545	113	22985	3.84	ng	#	88
36) 4-Chloro-3-methylphenol	8.681	107	77650	3.94	ng		99
37) 2-Methylnaphthalene	8.863	142	192117	4.41	ng		99
38) 1-Methylnaphthalene	8.963	142	177415	4.35	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	89038	4.37	ng		98
41) Hexachlorocyclopentadiene	9.022	237	43254	3.63	ng		95
43) 2,4,6-Trichlorophenol	9.134	196	52179	3.94	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	54970	3.96	ng		99
46) 1,1'-Biphenyl	9.328	154	242045	4.60	ng		95
47) 2-Chloronaphthalene	9.351	162	181951	4.36	ng		97
48) 2-Nitroaniline	9.434	65	43019	4.19	ng		92
49) Acenaphthylene	9.763	152	273346	4.26	ng		100
50) Dimethylphthalate	9.616	163	199808	4.25	ng		99
51) 2,6-Dinitrotoluene	9.681	165	37969	4.18	ng	#	89
52) Acenaphthene	9.939	154	175302	4.41	ng		99
53) 3-Nitroaniline	9.845	138	43485	4.14	ng		90
54) 2,4-Dinitrophenol	9.945	184	6824	2.46	ng	#	1
55) Dibenzofuran	10.110	168	255448	4.39	ng		97
56) 4-Nitrophenol	9.986	139	31600	3.52	ng		86
57) 2,4-Dinitrotoluene	10.075	165	45679	4.16	ng	#	92
58) Fluorene	10.451	166	203848	4.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	46437	4.03	ng		98
60) Diethylphthalate	10.322	149	195559	4.24	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	95763	4.55	ng		98
62) 4-Nitroaniline	10.451	138	42868	4.15	ng		95
63) Azobenzene	10.604	77	208160	4.30	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	12015	2.67	ng		92
66) n-Nitrosodiphenylamine	10.563	169	174268	4.33	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	59766	4.30	ng		98
68) Hexachlorobenzene	10.998	284	64567	4.30	ng		98
69) Atrazine	11.081	200	46815	4.67	ng		99
70) Pentachlorophenol	11.186	266	29990	3.47	ng		95
71) Phenanthrene	11.410	178	304461	4.54	ng		99
72) Anthracene	11.463	178	308836	4.47	ng		98
73) Carbazole	11.610	167	275736	4.38	ng		99
74) Di-n-butylphthalate	11.951	149	284983	4.25	ng		99
75) Fluoranthene	12.598	202	310774	4.44	ng		97
77) Benzidine	12.716	184	151182	4.96	ng	#	95
78) Pyrene	12.827	202	323734	4.19	ng		98
80) Butylbenzylphthalate	13.451	149	99152	3.57	ng		98
81) Benzo(a)anthracene	14.016	228	298789	4.37	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	97428	3.82	ng	#	96
83) Chrysene	14.051	228	301794	4.38	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	155271	4.17	ng		99
85) Di-n-octyl phthalate	14.627	149	223774	3.55	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	252770	3.96	ng		99
88) Benzo(b)fluoranthene	15.063	252	266188	3.86	ng		99
89) Benzo(k)fluoranthene	15.092	252	290299	4.32	ng		98
90) Benzo(a)pyrene	15.427	252	238905	3.97	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	211920	3.96	ng		100
92) Benzo(g,h,i)perylene	17.386	276	207949	4.00	ng		95

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

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