Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102120\
Data File : BP003692.D
Acq On : 21 Oct 2020 14:42
Operator : CG/JU
Sample : L4214-09
Misc : MDL-MDL-WTR-8PPM
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 21 15:17:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:27:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	139251	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	486298	20.00	ng		# 0.00
39) Acenaphthene-d10	15.122	164	325149	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	725014	20.00	ng		0.00
76) Chrysene-d12	21.845	240	738612	20.00	ng		# 0.00
86) Perylene-d12	24.416	264	673157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1225226	147.13	ng		0.00
7) Phenol-d6	7.675	99	1625112	138.13	ng		0.00
23) Nitrobenzene-d5	9.693	82	1138968	99.08	ng		0.00
42) 2,4,6-Tribromophenol	16.592	330	742744	146.42	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	2605576	103.60	ng		0.00
79) Terphenyl-d14	20.304	244	4268999	101.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	27938	7.85	ng	#	88
3) Pyridine	4.134	79	77086	7.66	ng		96
4) n-Nitrosodimethylamine	4.023	42	31084	7.24	ng	#	65
6) Aniline	7.822	93	107029	8.20	ng	#	87
8) 2-Chlorophenol	8.093	128	64290	7.75	ng		82
9) Benzaldehyde	7.622	77	62009	9.99	ng	#	80
10) Phenol	7.699	94	87003	7.76	ng		71
11) bis(2-Chloroethyl)ether	7.905	93	68167	7.67	ng		91
12) 1,3-Dichlorobenzene	8.422	146	79543	7.44	ng	#	88
13) 1,4-Dichlorobenzene	8.563	146	80342	7.44	ng	#	92
14) 1,2-Dichlorobenzene	8.899	146	74921	7.32	ng	#	95
15) Benzyl Alcohol	8.752	79	65387	7.27	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.046	45	66091	7.50	ng		95
17) 2-Methylphenol	8.969	107	56073	7.56	ng	#	89
18) Hexachloroethane	9.652	117	29914	7.19	ng		96
19) n-Nitroso-di-n-propyla...	9.322	70	52796	7.34	ng	#	85
20) 3+4-Methylphenols	9.299	107	74499	7.46	ng		92
22) Acetophenone	9.340	105	108243	7.61	ng	#	88
24) Nitrobenzene	9.734	77	89238	8.06	ng	#	77
25) Isophorone	10.258	82	141038	7.61	ng	#	89
26) 2-Nitrophenol	10.463	139	28089	6.80	ng	#	66
27) 2,4-Dimethylphenol	10.516	122	54095	8.33	ng	#	83
28) bis(2-Chloroethoxy)met...	10.728	93	89281	7.56	ng	#	97
29) 2,4-Dichlorophenol	11.010	162	61933	7.27	ng		93
30) 1,2,4-Trichlorobenzene	11.234	180	79349	7.27	ng		93
31) Naphthalene	11.422	128	201694	7.69	ng		99
32) Benzoic acid	10.593	122	13284	3.45	ng	#	71
33) 4-Chloroaniline	11.499	127	80923	7.49	ng	#	87
34) Hexachlorobutadiene	11.728	225	58500	7.10	ng		99
35) Caprolactam	12.193	113	16747	6.72	ng	#	55
36) 4-Chloro-3-methylphenol	12.599	107	67435	7.30	ng	#	83
37) 2-Methylnaphthalene	12.987	142	143945	7.57	ng	#	93
38) 1-Methylnaphthalene	13.199	142	136468	7.59	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.357	216	98546	7.65	ng		99
41) Hexachlorocyclopentadiene	13.351	237	57584	7.72	ng		99
43) 2,4,6-Trichlorophenol	13.575	196	51888	6.77	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	56336	7.08	ng		97
46) 1,1'-Biphenyl	13.957	154	195172	7.70	ng		95
47) 2-Chloronaphthalene	14.010	162	154962	7.31	ng		98
48) 2-Nitroaniline	14.181	65	38045	6.08	ng	#	59
49) Acenaphthylene	14.845	152	219811	7.26	ng		98
50) Dimethylphthalate	14.540	163	189858	7.11	ng		99
51) 2,6-Dinitrotoluene	14.651	165	38951	7.17	ng	#	58
52) Acenaphthene	15.181	154	145342	7.11	ng		95
53) 3-Nitroaniline	14.987	138	34997	6.56	ng	#	59
54) 2,4-Dinitrophenol	15.187	184	11295	4.53	ng	#	1
55) Dibenzofuran	15.510	168	232298	7.52	ng		99
56) 4-Nitrophenol	15.287	139	25532	6.40	ng	#	47
57) 2,4-Dinitrotoluene	15.434	165	49256	6.70	ng	#	66
58) Fluorene	16.151	166	186729	7.49	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.740	232	49626	6.50	ng		91
60) Diethylphthalate	15.881	149	180768	6.91	ng		98
61) 4-Chlorophenyl-phenyle...	16.128	204	109171	7.24	ng		97
62) 4-Nitroaniline	16.134	138	36634	6.19	ng	#	58
63) Azobenzene	16.416	77	179673	7.30	ng		86
65) 4,6-Dinitro-2-methylph...	16.204	198	22880	5.99	ng		96
66) n-Nitrosodiphenylamine	16.334	169	161956	7.50	ng		97
67) 4-Bromophenyl-phenylether	17.016	248	68616	7.07	ng		98
68) Hexachlorobenzene	17.181	284	80475	7.20	ng		97
69) Atrazine	17.251	200	56146	6.67	ng		96
70) Pentachlorophenol	17.504	266	30325	5.50	ng		98
71) Phenanthrene	17.875	178	300266	7.45	ng		98
72) Anthracene	17.963	178	296005	7.61	ng		99
73) Carbazole	18.210	167	253387	7.32	ng		99
74) Di-n-butylphthalate	18.716	149	276427	6.54	ng	#	98
75) Fluoranthene	19.792	202	349465	7.06	ng		97
77) Benzidine	19.928	184	146688	8.29	ng		99
78) Pyrene	20.133	202	365553	7.39	ng		99
80) Butylbenzylphthalate	20.939	149	106481	5.88	ng	#	81
81) Benzo(a)anthracene	21.827	228	359873	7.31	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	130616	7.57	ng	#	98
83) Chrysene	21.886	228	350225	7.50	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	155718	6.00	ng		99
85) Di-n-octyl phthalate	22.651	149	256810	6.10	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.086	276	342446	7.09	ng	#	92
88) Benzo(b)fluoranthene	23.627	252	345011	7.35	ng	#	97
89) Benzo(k)fluoranthene	23.674	252	338279	7.55	ng	#	97
90) Benzo(a)pyrene	24.304	252	293264	7.00	ng	#	96
91) Dibenzo(a,h)anthracene	27.092	278	285092	7.06	ng	#	93
92) Benzo(g,h,i)perylene	27.915	276	277553	7.41	ng	#	91

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

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