Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003683.D
Acq On : 20 Oct 2020 18:05
Operator : CG/JU
Sample : L4214-08
Misc : LOQ-WATER 10PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/21/2020 12:51:13 PM

Quant Time: Oct 20 18:35:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 12:55:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.528	152	111734	20.00	ng	#	0.00
21) Naphthalene-d8	11.369	136	396202	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	246134	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	506356	20.00	ng		0.00
76) Chrysene-d12	21.845	240	462769	20.00	ng	#	0.00
86) Perylene-d12	24.415	264	426370	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	783420	117.24	ng		0.00
7) Phenol-d6	7.669	99	1024653	108.54	ng		0.00
23) Nitrobenzene-d5	9.693	82	795572	84.95	ng		0.00
42) 2,4,6-Tribromophenol	16.592	330	393034	102.35	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	1734384	91.10	ng		0.00
79) Terphenyl-d14	20.304	244	2250662	85.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	28532	9.99	ng	#	87
3) Pyridine	4.128	79	77033	9.54	ng		92
4) n-Nitrosodimethylamine	4.022	42	31999	9.29	ng	#	58
6) Aniline	7.822	93	106330	10.15	ng	#	86
8) 2-Chlorophenol	8.087	128	63480	9.54	ng	#	80
9) Benzaldehyde	7.622	77	62811	12.61	ng	#	75
10) Phenol	7.699	94	88395	9.83	ng		78
11) bis(2-Chloroethyl)ether	7.905	93	66761	9.36	ng		88
12) 1,3-Dichlorobenzene	8.422	146	81413	9.49	ng	#	89
13) 1,4-Dichlorobenzene	8.557	146	80031	9.24	ng	#	94
14) 1,2-Dichlorobenzene	8.899	146	77019	9.38	ng	#	93
15) Benzyl Alcohol	8.746	79	64287	8.91	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	9.052	45	63596	8.99	ng		98
17) 2-Methylphenol	8.969	107	56071	9.42	ng	#	86
18) Hexachloroethane	9.652	117	29718	8.90	ng		93
19) n-Nitroso-di-n-propyla...	9.322	70	51522	8.93	ng	#	86
20) 3+4-Methylphenols	9.299	107	73697	9.19	ng		92
22) Acetophenone	9.340	105	105089	9.06	ng	#	87
24) Nitrobenzene	9.734	77	85664	9.50	ng	#	75
25) Isophorone	10.257	82	133921	8.87	ng	#	88
26) 2-Nitrophenol	10.463	139	27407	8.14	ng	#	64
27) 2,4-Dimethylphenol	10.516	122	55224	10.44	ng	#	83
28) bis(2-Chloroethoxy)met...	10.728	93	83570	8.68	ng		98
29) 2,4-Dichlorophenol	11.010	162	58095	8.37	ng		92
30) 1,2,4-Trichlorobenzene	11.234	180	77817	8.75	ng		96
31) Naphthalene	11.416	128	196030	9.18	ng		99
32) Benzoic acid	10.599	122	16030m	5.11	ng		
33) 4-Chloroaniline	11.498	127	77340	8.79	ng	#	85
34) Hexachlorobutadiene	11.728	225	56980	8.49	ng		99
35) Caprolactam	12.193	113	14180	6.98	ng	#	55
36) 4-Chloro-3-methylphenol	12.598	107	62392	8.29	ng	#	84
37) 2-Methylnaphthalene	12.981	142	139443	9.00	ng	#	93
38) 1-Methylnaphthalene	13.198	142	126239	8.62	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.357	216	93709	9.61	ng		98
41) Hexachlorocyclopentadiene	13.351	237	60957	10.80	ng		98
43) 2,4,6-Trichlorophenol	13.575	196	46968	8.10	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	51376	8.53	ng		96
46) 1,1'-Biphenyl	13.957	154	181203	9.44	ng		97
47) 2-Chloronaphthalene	14.010	162	141946	8.84	ng		100
48) 2-Nitroaniline	14.181	65	33374	7.04	ng	#	64
49) Acenaphthylene	14.845	152	200639	8.76	ng		100
50) Dimethylphthalate	14.539	163	164622	8.14	ng	#	99
51) 2,6-Dinitrotoluene	14.651	165	34299	8.34	ng	#	61
52) Acenaphthene	15.181	154	129687	8.39	ng		96
53) 3-Nitroaniline	14.987	138	30443	7.54	ng	#	58
54) 2,4-Dinitrophenol	15.187	184	10003	5.31	ng	#	1
55) Dibenzofuran	15.510	168	209178	8.95	ng		98
56) 4-Nitrophenol	15.287	139	21056	6.97	ng	#	41
57) 2,4-Dinitrotoluene	15.434	165	41538	7.46	ng	#	63
58) Fluorene	16.151	166	163506	8.67	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.739	232	43551	7.54	ng		92
60) Diethylphthalate	15.881	149	154108	7.78	ng		98
61) 4-Chlorophenyl-phenyle...	16.128	204	96929	8.50	ng		94
62) 4-Nitroaniline	16.134	138	30261	6.76	ng	#	60
63) Azobenzene	16.416	77	153545	8.24	ng		84
65) 4,6-Dinitro-2-methylph...	16.204	198	18610	6.97	ng		79
66) n-Nitrosodiphenylamine	16.334	169	138505	9.19	ng		99
67) 4-Bromophenyl-phenylether	17.016	248	59018	8.71	ng		95
68) Hexachlorobenzene	17.181	284	68051	8.72	ng		97
69) Atrazine	17.251	200	44298	7.54	ng		97
70) Pentachlorophenol	17.504	266	24003	6.23	ng		94
71) Phenanthrene	17.880	178	248651	8.84	ng		98
72) Anthracene	17.963	178	246238	9.06	ng		98
73) Carbazole	18.210	167	204968	8.48	ng		99
74) Di-n-butylphthalate	18.716	149	218235	7.39	ng	#	97
75) Fluoranthene	19.792	202	282359	8.17	ng		97
77) Benzidine	19.927	184	117393	10.59	ng		99
78) Pyrene	20.139	202	287986	9.29	ng		99
80) Butylbenzylphthalate	20.939	149	79378	6.99	ng	#	79
81) Benzo(a)anthracene	21.827	228	271755	8.81	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	97278	9.00	ng	#	97
83) Chrysene	21.886	228	260963	8.92	ng		97
84) Bis(2-ethylhexyl)phtha...	21.692	149	118182	7.27	ng	#	99
85) Di-n-octyl phthalate	22.651	149	187626	7.11	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.080	276	287922	9.41	ng	#	92
88) Benzo(b)fluoranthene	23.627	252	260253	8.75	ng	#	96
89) Benzo(k)fluoranthene	23.674	252	252601	8.90	ng	#	97
90) Benzo(a)pyrene	24.298	252	222566	8.39	ng	#	96
91) Dibenzo(a,h)anthracene	27.092	278	244456	9.56	ng	#	92
92) Benzo(g,h,i)perylene	27.915	276	236326	9.97	ng	#	90

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

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