Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102020\
Data File : BP003681.D
Acq On : 20 Oct 2020 16:57
Operator : CG/JU
Sample : L4214-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 20 17:25:42 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	123106	20.00	ng		0.00
21) Naphthalene-d8	11.369	136	434197	20.00	ng	#	0.00
39) Acenaphthene-d10	15.122	164	292667	20.00	ng		0.00
64) Phenanthrene-d10	17.839	188	656694	20.00	ng		0.00
76) Chrysene-d12	21.845	240	686751	20.00	ng	#	0.00
86) Perylene-d12	24.416	264	645228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.022	112	1069887	145.33	ng		0.00
7) Phenol-d6	7.675	99	1427832	137.27	ng		0.00
23) Nitrobenzene-d5	9.693	82	1024780	99.84	ng		0.00
42) 2,4,6-Tribromophenol	16.592	330	674708	147.77	ng		0.00
45) 2-Fluorobiphenyl	13.751	172	2344519	103.56	ng		0.00
79) Terphenyl-d14	20.304	244	3981369	101.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	24698	7.85	ng	#	86
3) Pyridine	4.128	79	66451	7.47	ng		89
4) n-Nitrosodimethylamine	4.023	42	28321	7.46	ng	#	68
6) Aniline	7.822	93	93644	8.11	ng	#	86
8) 2-Chlorophenol	8.087	128	56312	7.68	ng		82
9) Benzaldehyde	7.622	77	56835	10.36	ng	#	79
10) Phenol	7.699	94	76955	7.77	ng		74
11) bis(2-Chloroethyl)ether	7.905	93	59756	7.60	ng		87
12) 1,3-Dichlorobenzene	8.422	146	68824	7.28	ng	#	91
13) 1,4-Dichlorobenzene	8.563	146	70021	7.34	ng		95
14) 1,2-Dichlorobenzene	8.899	146	66954	7.40	ng	#	92
15) Benzyl Alcohol	8.752	79	59309	7.46	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	9.052	45	58218	7.47	ng		96
17) 2-Methylphenol	8.969	107	48614	7.41	ng	#	87
18) Hexachloroethane	9.652	117	26579	7.22	ng		95
19) n-Nitroso-di-n-propyla...	9.322	70	47751	7.51	ng	#	87
20) 3+4-Methylphenols	9.299	107	65773	7.45	ng		90
22) Acetophenone	9.340	105	96741	7.61	ng	#	87
24) Nitrobenzene	9.734	77	81231	8.22	ng	#	76
25) Isophorone	10.257	82	127169	7.69	ng	#	88
26) 2-Nitrophenol	10.457	139	25881	7.01	ng	#	59
27) 2,4-Dimethylphenol	10.516	122	51523	8.89	ng		85
28) bis(2-Chloroethoxy)met...	10.728	93	78081	7.40	ng		98
29) 2,4-Dichlorophenol	11.010	162	56286	7.40	ng		94
30) 1,2,4-Trichlorobenzene	11.234	180	71172	7.30	ng		97
31) Naphthalene	11.422	128	176853	7.56	ng		99
32) Benzoic acid	10.593	122	11922	3.47	ng	#	75
33) 4-Chloroaniline	11.499	127	72681	7.53	ng	#	85
34) Hexachlorobutadiene	11.728	225	51677	7.03	ng		98
35) Caprolactam	12.193	113	15182	6.82	ng	#	43
36) 4-Chloro-3-methylphenol	12.599	107	60633	7.35	ng		86
37) 2-Methylnaphthalene	12.981	142	131052	7.72	ng	#	94
38) 1-Methylnaphthalene	13.198	142	121629	7.58	ng	#	97
40) 1,2,4,5-Tetrachloroben...	13.357	216	87020	7.51	ng		98
41) Hexachlorocyclopentadiene	13.351	237	55089	8.21	ng		97
43) 2,4,6-Trichlorophenol	13.575	196	46303	6.71	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.651	196	50643	7.07	ng		95
46) 1,1'-Biphenyl	13.957	154	172954	7.58	ng		96
47) 2-Chloronaphthalene	14.010	162	137288	7.19	ng		98
48) 2-Nitroaniline	14.181	65	35211	6.25	ng	#	55
49) Acenaphthylene	14.845	152	197484	7.25	ng		99
50) Dimethylphthalate	14.540	163	172913	7.19	ng		100
51) 2,6-Dinitrotoluene	14.651	165	35088	7.17	ng	#	59
52) Acenaphthene	15.181	154	130495	7.10	ng		93
53) 3-Nitroaniline	14.987	138	31815	6.63	ng	#	58
54) 2,4-Dinitrophenol	15.187	184	10888	4.86	ng	#	1
55) Dibenzofuran	15.510	168	211065	7.59	ng		97
56) 4-Nitrophenol	15.287	139	23872	6.64	ng	#	44
57) 2,4-Dinitrotoluene	15.440	165	45135	6.82	ng	#	73
58) Fluorene	16.151	166	169640	7.56	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.740	232	44634	6.50	ng		92
60) Diethylphthalate	15.881	149	167899	7.13	ng		99
61) 4-Chlorophenyl-phenyle...	16.128	204	100097	7.38	ng		95
62) 4-Nitroaniline	16.134	138	33184	6.23	ng	#	51
63) Azobenzene	16.416	77	162646	7.34	ng		84
65) 4,6-Dinitro-2-methylph...	16.204	198	20436	5.90	ng		92
66) n-Nitrosodiphenylamine	16.334	169	143001	7.31	ng		100
67) 4-Bromophenyl-phenylether	17.016	248	62813	7.14	ng		94
68) Hexachlorobenzene	17.181	284	71001	7.02	ng		94
69) Atrazine	17.251	200	50678	6.65	ng		93
70) Pentachlorophenol	17.504	266	26981	5.40	ng		94
71) Phenanthrene	17.881	178	272313	7.46	ng		99
72) Anthracene	17.963	178	269268	7.64	ng		98
73) Carbazole	18.210	167	230028	7.34	ng		98
74) Di-n-butylphthalate	18.716	149	254104	6.64	ng	#	97
75) Fluoranthene	19.786	202	325548	7.26	ng		98
77) Benzidine	19.928	184	142666	8.67	ng		99
78) Pyrene	20.139	202	338515	7.36	ng		98
80) Butylbenzylphthalate	20.939	149	100555	5.97	ng	#	78
81) Benzo(a)anthracene	21.827	228	337589	7.37	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	122123	7.62	ng	#	94
83) Chrysene	21.886	228	325025	7.49	ng		97
84) Bis(2-ethylhexyl)phtha...	21.692	149	150388	6.24	ng		98
85) Di-n-octyl phthalate	22.651	149	243613	6.22	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.086	276	330886	7.14	ng	#	91
88) Benzo(b)fluoranthene	23.627	252	331154	7.36	ng	#	97
89) Benzo(k)fluoranthene	23.674	252	318179	7.40	ng	#	96
90) Benzo(a)pyrene	24.298	252	277728	6.92	ng	#	97
91) Dibenzo(a,h)anthracene	27.086	278	279135	7.21	ng	#	93
92) Benzo(g,h,i)perylene	27.915	276	266806	7.44	ng	#	91

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

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