Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003293.D
Acq On : 25 Oct 2018 04:06
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 1PPM
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/25/2018 3:20:19 PM

Quant Time: Oct 25 07:29:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	92685	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	428265	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	274836	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	664654	20.00	ng		0.00
76) Chrysene-d12	21.21	240	747121	20.00	ng		0.00
87) Perylene-d12	23.42	264	768014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	696272	130.84	ng		0.00
7) Phenol-d6	6.79	99	966695	127.76	ng		-0.01
23) Nitrobenzene-d5	8.75	82	567605	76.01	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	500371	135.21	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1553612	76.68	ng		0.00
79) Terphenyl-d14	19.63	244	2537916	72.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	2728	1.080	ng	#	81
3) Pyridine	3.68	79	1176	0.204	ng	#	61
4) n-Nitrosodimethylamine	3.56	42	772	0.363	ng	#	58
6) Aniline	6.95	93	5744	0.608	ng		96
8) 2-Chlorophenol	7.18	128	6092	0.929	ng	#	72
9) Benzaldehyde	6.79	77	5271	1.199	ng	#	63
10) Phenol	6.82	94	7409	0.928	ng	#	20
11) bis(2-Chloroethyl)ether	7.04	93	5370	0.823	ng		88
12) 1,3-Dichlorobenzene	7.50	146	6449	0.885	ng		95
13) 1,4-Dichlorobenzene	7.64	146	6806	0.907	ng		90
14) 1,2-Dichlorobenzene	7.95	146	6520	0.895	ng		87
15) Benzyl Alcohol	7.91	79	11110	2.038	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	8.14	45	8717	0.912	ng		92
17) 2-Methylphenol	8.08	107	4557	0.835	ng		96
18) Hexachloroethane	8.66	117	2160	0.822	ng		96
19) n-Nitroso-di-n-propylamine	8.40	70	3574	0.655	ng	#	80
20) 3+4-Methylphenols	8.44	107	5269m	0.680	ng		
22) Acetophenone	8.44	105	8030	0.774	ng	#	92
24) Nitrobenzene	8.79	77	7232	0.949	ng		98
25) Isophorone	9.33	82	12515	0.955	ng		96
26) 2-Nitrophenol	9.54	139	1642	0.409	ng	#	71
27) 2,4-Dimethylphenol	9.65	122	4650	0.825	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	7371	0.835	ng	#	87
29) 2,4-Dichlorophenol	10.16	162	1456	0.226	ng		92
30) 1,2,4-Trichlorobenzene	10.26	180	6282	0.859	ng		96
31) Naphthalene	10.42	128	20330	0.971	ng		98
32) Benzoic acid	9.65	122	4650	5.869	ng	#	9
33) 4-Chloroaniline	10.63	127	3784	0.409	ng	#	82
34) Hexachlorobutadiene	10.70	225	3748	0.858	ng		98
35) Caprolactam	11.42	113	128	0.051	ng	#	34
36) 4-Chloro-3-methylphenol	11.78	107	4711	0.656	ng		91
37) 2-Methylnaphthalene	12.06	142	15271	1.021	ng		94
38) 1-Methylnaphthalene	12.28	142	14114	0.966	ng	#	90
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	7844	0.863	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.73	196	3418	0.595	ng		94
44) 2,4,5-Trichlorophenol	12.73	196	3418	0.570	ng		94
46) 1,1'-Biphenyl	13.08	154	22757	0.943	ng		95
47) 2-Chloronaphthalene	13.14	162	15182	0.853	ng		95
48) 2-Nitroaniline	13.40	65	2544	0.487	ng		87
49) Acenaphthylene	13.97	152	24678	0.906	ng		95
50) Dimethylphthalate	13.73	163	19279	0.868	ng		98
51) 2,6-Dinitrotoluene	13.87	165	3071	0.609	ng		97
52) Acenaphthene	14.31	154	16015	0.971	ng		99
53) 3-Nitroaniline	14.23	138	1614	0.299	ng	#	1
55) Dibenzofuran	14.67	168	25779	0.960	ng		98
57) 2,4-Dinitrotoluene	14.68	165	2399	0.351	ng	#	85
58) Fluorene	15.31	166	20115	0.971	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	3457	0.657	ng	#	84
60) Diethylphthalate	15.08	149	19251	0.854	ng		94
61) 4-Chlorophenyl-phenylether	15.30	204	10018	0.870	ng		99
62) 4-Nitroaniline	15.45	138	1929	0.366	ng		86
63) Azobenzene	15.59	77	17408	0.835	ng		99
66) n-Nitrosodiphenylamine	15.53	169	16749	0.805	ng		96
67) 4-Bromophenyl-phenylether	16.20	248	5996	0.801	ng		90
68) Hexachlorobenzene	16.32	284	7491	0.878	ng		99
69) Atrazine	16.49	200	5648	0.766	ng		96
70) Pentachlorophenol	16.73	266	140	6.562	ng	#	18
71) Phenanthrene	17.05	178	34998	1.002	ng		96
72) Anthracene	17.16	178	33615	0.964	ng		99
73) Carbazole	17.46	167	28309	0.784	ng		95
74) Di-n-butylphthalate	17.97	149	30119	0.715	ng		99
75) Fluoranthene	19.09	202	36961	0.898	ng		97
77) Benzidine	19.32	184	5279	0.241	ng	#	67
78) Pyrene	19.45	202	40801	0.929	ng		96
80) Butylbenzylphthalate	20.34	149	14109	0.692	ng		95
81) Benzo(a)anthracene	21.19	228	44182	1.015	ng		95
82) 3,3'-Dichlorobenzidine	21.15	252	10705	0.595	ng		100
83) Chrysene	21.25	228	42575	1.018	ng		97
84) Bis(2-ethylhexyl)phthalate	21.12	149	21919	0.725	ng	#	98
85) Di-n-octyl phthalate	21.99	149	39640	0.764	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.66	276	41940	0.875	ng		98
88) Benzo(b)fluoranthene	22.77	252	39320	0.930	ng		98
89) Benzo(k)fluoranthene	22.81	252	44901	1.083	ng		99
90) Benzo(a)pyrene	23.32	252	38434	0.954	ng		96
91) Dibenzo(a,h)anthracene	25.66	278	35544	0.891	ng		97
92) Benzo(g,h,i)perylene	26.35	276	36551	0.954	ng	#	92

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

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