Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126972.D
Acq On : 21 Feb 2022 14:30
Operator : CG\JU
Sample : M4068-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 21 14:50:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	98860	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	391605	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	204351	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	375599	20.000	ng	#	0.00
76) Chrysene-d12	14.092	240	293488	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	265727	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	911988	142.580	ng		0.00
7) Phenol-d6	6.551	99	1233210	142.883	ng		0.00
23) Nitrobenzene-d5	7.486	82	695614	80.178	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	373858	158.898	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1137537	81.949	ng		0.00
79) Terphenyl-d14	13.039	244	1412020	70.726	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	10670	3.645	ng		95
3) Pyridine	3.575	79	25297	3.295	ng		95
4) n-Nitrosodimethylamine	3.451	42	13147	3.496	ng	#	74
6) Aniline	6.587	93	41452	4.053	ng		95
8) 2-Chlorophenol	6.704	128	25721	3.748	ng		84
9) Benzaldehyde	6.475	77	23896	4.548	ng		95
10) Phenol	6.557	94	32662	3.745	ng	#	58
11) bis(2-Chloroethyl)ether	6.657	93	25336	3.704	ng		97
12) 1,3-Dichlorobenzene	6.863	146	28836	3.895	ng		97
13) 1,4-Dichlorobenzene	6.939	146	29508	3.932	ng		95
14) 1,2-Dichlorobenzene	7.092	146	26895	3.758	ng		96
15) Benzyl Alcohol	7.057	79	34512m	4.746	ng		
16) 2,2'-oxybis(1-Chloropr...	7.186	45	36894	3.425	ng		94
17) 2-Methylphenol	7.157	107	22991	3.872	ng		95
18) Hexachloroethane	7.434	117	10816	3.760	ng	#	87
19) n-Nitroso-di-n-propyla...	7.322	70	21021	3.780	ng		95
20) 3+4-Methylphenols	7.310	107	28717	3.724	ng	#	69
22) Acetophenone	7.322	105	41073	3.984	ng		98
24) Nitrobenzene	7.498	77	33624	4.103	ng		94
25) Isophorone	7.733	82	55781	3.885	ng	#	95
26) 2-Nitrophenol	7.816	139	12763	3.658	ng	#	85
27) 2,4-Dimethylphenol	7.845	122	24562	4.285	ng		93
28) bis(2-Chloroethoxy)met...	7.945	93	32451	3.729	ng		99
29) 2,4-Dichlorophenol	8.051	162	19727	3.660	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	22934	3.806	ng		98
31) Naphthalene	8.222	128	80418	3.934	ng		99
33) 4-Chloroaniline	8.269	127	31569	3.923	ng		96
34) Hexachlorobutadiene	8.333	225	12906	3.669	ng		97
35) Caprolactam	8.598	113	6790	3.608	ng	#	89
36) 4-Chloro-3-methylphenol	8.739	107	25703	3.732	ng		93
37) 2-Methylnaphthalene	8.916	142	50734	3.825	ng		94
38) 1-Methylnaphthalene	9.010	142	51043	4.018	ng		95
40) 1,2,4,5-Tetrachloroben...	9.075	216	21116	3.925	ng		99
41) Hexachlorocyclopentadiene	9.063	237	9084	3.114	ng		94
43) 2,4,6-Trichlorophenol	9.186	196	14214	3.603	ng		90
44) 2,4,5-Trichlorophenol	9.227	196	14205	3.421	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.375	154	65835	4.066	ng		98
47) 2-Chloronaphthalene	9.404	162	47104	3.923	ng		97
48) 2-Nitroaniline	9.498	65	17068	3.603	ng		96
49) Acenaphthylene	9.822	152	78095	4.004	ng		98
50) Dimethylphthalate	9.669	163	54366	3.722	ng		99
51) 2,6-Dinitrotoluene	9.733	165	10634	3.578	ng	#	75
52) Acenaphthene	9.992	154	47915	3.778	ng		93
53) 3-Nitroaniline	9.904	138	12626	3.476	ng	#	99
54) 2,4-Dinitrophenol	10.010	184	3518	2.237	ng	#	82
55) Dibenzofuran	10.163	168	67838	3.890	ng		93
56) 4-Nitrophenol	10.057	139	9689	3.611	ng	#	85
57) 2,4-Dinitrotoluene	10.139	165	14832	3.691	ng	#	93
58) Fluorene	10.504	166	52568	3.870	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.274	232	11398	3.463	ng		94
60) Diethylphthalate	10.374	149	57704	3.781	ng		98
61) 4-Chlorophenyl-phenyle...	10.498	204	24573	3.836	ng		97
62) 4-Nitroaniline	10.516	138	13167	3.671	ng	#	79
63) Azobenzene	10.657	77	61434	3.615	ng		94
65) 4,6-Dinitro-2-methylph...	10.545	198	5712	2.588	ng		85
66) n-Nitrosodiphenylamine	10.616	169	45210	3.671	ng		96
67) 4-Bromophenyl-phenylether	10.986	248	15061	3.589	ng	#	79
68) Hexachlorobenzene	11.051	284	17731	3.925	ng		93
69) Atrazine	11.133	200	15170	3.971	ng		96
70) Pentachlorophenol	11.245	266	7164	2.905	ng		98
71) Phenanthrene	11.469	178	81601	3.882	ng		97
72) Anthracene	11.521	178	82495	3.942	ng		99
73) Carbazole	11.674	167	71241	3.712	ng		100
74) Di-n-butylphthalate	12.004	149	89042	3.609	ng		99
75) Fluoranthene	12.663	202	81089	4.062	ng		91
77) Benzidine	12.780	184	40841	5.121	ng	#	97
78) Pyrene	12.892	202	81513	3.197	ng		99
80) Butylbenzylphthalate	13.504	149	36633	3.035	ng		88
81) Benzo(a)anthracene	14.080	228	74417	3.761	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	24618	3.948	ng	#	95
83) Chrysene	14.115	228	69267	3.723	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	50918	3.213	ng		96
85) Di-n-octyl phthalate	14.674	149	80217	3.516	ng		98
87) Indeno(1,2,3-cd)pyrene	17.103	276	53457	3.068	ng	#	88
88) Benzo(b)fluoranthene	15.139	252	65603	3.676	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	64934	3.772	ng	#	94
90) Benzo(a)pyrene	15.521	252	60335	4.328	ng	#	94
91) Dibenzo(a,h)anthracene	17.121	278	46276	3.211	ng	#	89
92) Benzo(g,h,i)perylene	17.562	276	45150	3.178	ng	#	90

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

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