Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
Data File : BF126958.D
Acq On : 18 Feb 2022 18:06
Operator : CG\JU
Sample : M4068-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 18 23:53:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107754	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	426263	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	221563	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	400760	20.000	ng	0.00
76) Chrysene-d12	14.104	240	272530	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	211129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	976842	140.114	ng	0.00
7) Phenol-d6	6.557	99	1339351	142.372	ng	0.00
23) Nitrobenzene-d5	7.498	82	749556	79.371	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	401226	157.282	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1231952	81.856	ng	0.00
79) Terphenyl-d14	13.051	244	1453361	78.395	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	11520	3.611	ng	# 95
3) Pyridine	3.599	79	26873	3.211	ng	# 82
4) n-Nitrosodimethylamine	3.469	42	14868	3.627	ng	# 65
6) Aniline	6.598	93	45797	4.109	ng	96
8) 2-Chlorophenol	6.716	128	28428	3.800	ng	98
9) Benzaldehyde	6.487	77	26703	4.663	ng	97
10) Phenol	6.569	94	36124	3.800	ng	86
11) bis(2-Chloroethyl)ether	6.663	93	28038	3.761	ng	92
12) 1,3-Dichlorobenzene	6.869	146	30571	3.789	ng	97
13) 1,4-Dichlorobenzene	6.945	146	31470	3.847	ng	96
14) 1,2-Dichlorobenzene	7.098	146	29975	3.842	ng	96
15) Benzyl Alcohol	7.063	79	37327m	4.710	ng	
16) 2,2'-oxybis(1-Chloropr...	7.198	45	40477	3.448	ng	94
17) 2-Methylphenol	7.169	107	24708	3.818	ng	# 93
18) Hexachloroethane	7.440	117	12062	3.847	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	22289	3.677	ng	94
20) 3+4-Methylphenols	7.322	107	31698	3.772	ng	# 78
22) Acetophenone	7.334	105	46190	4.116	ng	# 93
24) Nitrobenzene	7.510	77	36090	4.045	ng	96
25) Isophorone	7.740	82	63780	4.081	ng	98
26) 2-Nitrophenol	7.822	139	13533	3.563	ng	# 67
27) 2,4-Dimethylphenol	7.851	122	26654	4.272	ng	85
28) bis(2-Chloroethoxy)met...	7.951	93	35215	3.717	ng	98
29) 2,4-Dichlorophenol	8.063	162	21231	3.619	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	24705	3.767	ng	99
31) Naphthalene	8.234	128	87893	3.950	ng	98
32) Benzoic acid	7.922	122	10121m	2.287	ng	
33) 4-Chloroaniline	8.281	127	34524	3.942	ng	97
34) Hexachlorobutadiene	8.345	225	15149	3.956	ng	97
35) Caprolactam	8.610	113	6958	3.396	ng	94
36) 4-Chloro-3-methylphenol	8.751	107	27939	3.726	ng	96
37) 2-Methylnaphthalene	8.922	142	57073	3.953	ng	98
38) 1-Methylnaphthalene	9.022	142	54275	3.925	ng	94
40) 1,2,4,5-Tetrachloroben...	9.087	216	23018	3.947	ng	99
41) Hexachlorocyclopentadiene	9.075	237	9377	2.964	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	15637	3.656	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	16000	3.554	ng	#	94
46) 1,1'-Biphenyl	9.386	154	72573	4.134	ng		98
47) 2-Chloronaphthalene	9.416	162	50153	3.853	ng		99
48) 2-Nitroaniline	9.504	65	18122	3.528	ng		98
49) Acenaphthylene	9.828	152	87571	4.141	ng		98
50) Dimethylphthalate	9.681	163	60748	3.836	ng	#	99
51) 2,6-Dinitrotoluene	9.745	165	13060	4.053	ng		93
52) Acenaphthene	9.998	154	50138	3.646	ng		96
53) 3-Nitroaniline	9.916	138	14313	3.634	ng	#	94
54) 2,4-Dinitrophenol	10.022	184	2765	1.621	ng		89
55) Dibenzofuran	10.175	168	75516	3.994	ng		97
56) 4-Nitrophenol	10.069	139	8771	3.015	ng	#	80
57) 2,4-Dinitrotoluene	10.145	165	16765	3.848	ng	#	97
58) Fluorene	10.516	166	58579	3.977	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	12371	3.467	ng	#	94
60) Diethylphthalate	10.381	149	66275	4.005	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	27232	3.921	ng		98
62) 4-Nitroaniline	10.522	138	13350	3.432	ng	#	79
63) Azobenzene	10.669	77	67998	3.690	ng		95
65) 4,6-Dinitro-2-methylph...	10.557	198	5328	2.263	ng		94
66) n-Nitrosodiphenylamine	10.628	169	50019	3.806	ng		100
67) 4-Bromophenyl-phenylether	10.998	248	16563	3.699	ng		95
68) Hexachlorobenzene	11.063	284	18508	3.840	ng	#	92
69) Atrazine	11.145	200	16354	4.013	ng		96
70) Pentachlorophenol	11.257	266	6122	2.327	ng		97
71) Phenanthrene	11.480	178	89243	3.979	ng		99
72) Anthracene	11.533	178	89091	3.990	ng		97
73) Carbazole	11.686	167	74300	3.628	ng		96
74) Di-n-butylphthalate	12.010	149	100682	3.824	ng	#	97
75) Fluoranthene	12.675	202	84641	3.974	ng		94
77) Benzidine	12.798	184	34451	4.652	ng		99
78) Pyrene	12.904	202	84979	3.589	ng		98
80) Butylbenzylphthalate	13.516	149	39156	3.493	ng		86
81) Benzo(a)anthracene	14.092	228	69861	3.802	ng		98
82) 3,3'-Dichlorobenzidine	14.057	252	21649	3.739	ng	#	96
83) Chrysene	14.127	228	66114	3.827	ng		97
84) Bis(2-ethylhexyl)phtha...	14.069	149	56440	3.835	ng		96
85) Di-n-octyl phthalate	14.686	149	82072	3.873	ng		98
87) Indeno(1,2,3-cd)pyrene	17.133	276	41197	2.976	ng	#	87
88) Benzo(b)fluoranthene	15.157	252	56548m	3.988	ng		
89) Benzo(k)fluoranthene	15.186	252	51889	3.794	ng		97
90) Benzo(a)pyrene	15.539	252	47924	4.327	ng	#	95
91) Dibenzo(a,h)anthracene	17.157	278	34457	3.009	ng	#	88
92) Benzo(g,h,i)perylene	17.598	276	35351	3.132	ng	#	84

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

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