Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
Data File : BF126957.D
Acq On : 18 Feb 2022 17:37
Operator : CG\JU
Sample : M4068-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 18 23:52:52 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	98431	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	394528	20.000	ng	#	0.00
39) Acenaphthene-d10	9.969	164	206163	20.000	ng		0.00
64) Phenanthrene-d10	11.463	188	373227	20.000	ng	#	0.00
76) Chrysene-d12	14.104	240	259539	20.000	ng	#	0.00
86) Perylene-d12	15.610	264	201302	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	928247	145.754	ng		0.00
7) Phenol-d6	6.563	99	1278154	148.736	ng		0.00
23) Nitrobenzene-d5	7.498	82	725839	83.042	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	388132	163.514	ng		0.00
45) 2-Fluorobiphenyl	9.292	172	1198483	85.580	ng		0.00
79) Terphenyl-d14	13.051	244	1427037	80.828	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	22293	7.650	ng		96
3) Pyridine	3.569	79	53830	7.042	ng	#	88
4) n-Nitrosodimethylamine	3.463	42	29476	7.872	ng	#	73
6) Aniline	6.598	93	91390	8.976	ng		98
8) 2-Chlorophenol	6.716	128	55043	8.055	ng		99
9) Benzaldehyde	6.487	77	52832	10.100	ng		98
10) Phenol	6.569	94	69935	8.054	ng		83
11) bis(2-Chloroethyl)ether	6.669	93	54849	8.054	ng		97
12) 1,3-Dichlorobenzene	6.869	146	58543	7.942	ng		95
13) 1,4-Dichlorobenzene	6.945	146	60958	8.157	ng		98
14) 1,2-Dichlorobenzene	7.098	146	57771	8.107	ng		96
15) Benzyl Alcohol	7.063	79	65379	9.031	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	80570	7.513	ng		96
17) 2-Methylphenol	7.169	107	48078	8.132	ng		91
18) Hexachloroethane	7.439	117	23375	8.160	ng		96
19) n-Nitroso-di-n-propyla...	7.334	70	44086	7.962	ng		96
20) 3+4-Methylphenols	7.322	107	61438	8.003	ng	#	75
22) Acetophenone	7.334	105	88531	8.523	ng		92
24) Nitrobenzene	7.510	77	69309	8.394	ng		95
25) Isophorone	7.745	82	122970	8.502	ng	#	94
26) 2-Nitrophenol	7.828	139	28471	8.099	ng	#	88
27) 2,4-Dimethylphenol	7.851	122	53631	9.286	ng		88
28) bis(2-Chloroethoxy)met...	7.951	93	69424	7.917	ng		98
29) 2,4-Dichlorophenol	8.063	162	42987	7.917	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	48713	8.025	ng		98
31) Naphthalene	8.234	128	173119	8.406	ng		99
32) Benzoic acid	7.922	122	23577m	5.756	ng		
33) 4-Chloroaniline	8.281	127	68203	8.414	ng		97
34) Hexachlorobutadiene	8.345	225	28144	7.941	ng		98
35) Caprolactam	8.616	113	14910	7.863	ng		92
36) 4-Chloro-3-methylphenol	8.751	107	56262	8.108	ng		99
37) 2-Methylnaphthalene	8.922	142	111810	8.367	ng		98
38) 1-Methylnaphthalene	9.022	142	108243	8.458	ng		97
40) 1,2,4,5-Tetrachloroben...	9.086	216	45128	8.316	ng		98
41) Hexachlorocyclopentadiene	9.075	237	21304	7.238	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	30496	7.662	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	34045	8.128	ng		92
46) 1,1'-Biphenyl	9.386	154	140401	8.596	ng		99
47) 2-Chloronaphthalene	9.416	162	97139	8.020	ng		96
48) 2-Nitroaniline	9.504	65	37777	7.903	ng		88
49) Acenaphthylene	9.828	152	174336	8.861	ng		98
50) Dimethylphthalate	9.681	163	118844	8.065	ng		99
51) 2,6-Dinitrotoluene	9.745	165	25249	8.422	ng	#	83
52) Acenaphthene	10.004	154	102533	8.013	ng		97
53) 3-Nitroaniline	9.916	138	28747	7.844	ng		94
54) 2,4-Dinitrophenol	10.022	184	7319	4.612	ng	#	88
55) Dibenzofuran	10.175	168	145199	8.252	ng		93
56) 4-Nitrophenol	10.069	139	18806	6.948	ng	#	82
57) 2,4-Dinitrotoluene	10.145	165	32857	8.105	ng	#	93
58) Fluorene	10.516	166	114391	8.346	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	25880	7.794	ng		95
60) Diethylphthalate	10.380	149	130110	8.450	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	52789	8.168	ng		99
62) 4-Nitroaniline	10.528	138	27591	7.624	ng	#	74
63) Azobenzene	10.669	77	135434	7.899	ng		93
65) 4,6-Dinitro-2-methylph...	10.557	198	12586	5.739	ng		92
66) n-Nitrosodiphenylamine	10.628	169	100885	8.243	ng		98
67) 4-Bromophenyl-phenylether	10.998	248	32998	7.913	ng		89
68) Hexachlorobenzene	11.063	284	37370	8.324	ng		95
69) Atrazine	11.145	200	31486	8.295	ng		99
70) Pentachlorophenol	11.257	266	15044	6.139	ng		95
71) Phenanthrene	11.480	178	175636	8.408	ng		98
72) Anthracene	11.533	178	179063	8.610	ng		99
73) Carbazole	11.686	167	150751	7.905	ng		99
74) Di-n-butylphthalate	12.010	149	202798	8.271	ng		99
75) Fluoranthene	12.674	202	169524	8.547	ng		95
77) Benzidine	12.798	184	76683	10.872	ng	#	96
78) Pyrene	12.904	202	172390	7.645	ng		100
80) Butylbenzylphthalate	13.516	149	82870	7.763	ng		89
81) Benzo(a)anthracene	14.092	228	138999	7.944	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	44999	8.161	ng	#	94
83) Chrysene	14.127	228	130219	7.914	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	112617	8.036	ng	#	96
85) Di-n-octyl phthalate	14.686	149	166512	8.252	ng		98
87) Indeno(1,2,3-cd)pyrene	17.133	276	86869	6.581	ng	#	87
88) Benzo(b)fluoranthene	15.163	252	113278	8.378	ng	#	93
89) Benzo(k)fluoranthene	15.192	252	111219	8.529	ng	#	94
90) Benzo(a)pyrene	15.539	252	100215	9.489	ng		96
91) Dibenzo(a,h)anthracene	17.157	278	74625	6.836	ng	#	89
92) Benzo(g,h,i)perylene	17.604	276	71539	6.647	ng	#	87

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

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