Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
Data File : BF132247.D
Acq On : 01 Feb 2023 00:28
Operator : CG\JU
Sample : N3980-09
Misc : MDL-MDL-WATER 4PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 06:00:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	201214	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	749800	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	385011	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	698161	20.000	ng	0.00
76) Chrysene-d12	14.277	240	490663	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	460899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1241203	99.153	ng	0.00
7) Phenol-d6	6.684	99	1526483	98.911	ng	0.00
23) Nitrobenzene-d5	7.631	82	942585	69.955	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	431423	108.964	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1609954	64.574	ng	0.00
79) Terphenyl-d14	13.213	244	1688947	66.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.966	88	21362	3.627	ng	98
3) Pyridine	3.784	79	51531	3.225	ng	97
4) n-Nitrosodimethylamine	3.684	42	18116	3.543	ng	96
6) Aniline	6.731	93	77509	3.701	ng	96
8) 2-Chlorophenol	6.848	128	53931	4.160	ng	93
9) Benzaldehyde	6.619	77	42835	3.609	ng	99
10) Phenol	6.696	94	62961	3.942	ng	92
11) bis(2-Chloroethyl)ether	6.796	93	51301	3.902	ng	99
12) 1,3-Dichlorobenzene	7.007	146	58571	4.271	ng	98
13) 1,4-Dichlorobenzene	7.084	146	58496	4.274	ng	99
14) 1,2-Dichlorobenzene	7.243	146	54519	4.271	ng	96
15) Benzyl Alcohol	7.196	79	55003m	4.884	ng	
16) 2,2'-oxybis(1-Chloropr...	7.331	45	55183	3.984	ng	98
17) 2-Methylphenol	7.295	107	42528	3.747	ng	97
18) Hexachloroethane	7.584	117	20622	4.016	ng	95
19) n-Nitroso-di-n-propyla...	7.466	70	35007	3.993	ng	97
20) 3+4-Methylphenols	7.448	107	55662	3.843	ng	93
22) Acetophenone	7.466	105	77343	4.386	ng	99
24) Nitrobenzene	7.648	77	54339	3.948	ng	98
25) Isophorone	7.878	82	97888	3.828	ng	98
26) 2-Nitrophenol	7.966	139	25289	3.772	ng	90
27) 2,4-Dimethylphenol	7.984	122	43822	3.734	ng	98
28) bis(2-Chloroethoxy)met...	8.090	93	64613	4.111	ng	96
29) 2,4-Dichlorophenol	8.201	162	40884	3.924	ng	95
30) 1,2,4-Trichlorobenzene	8.290	180	47151	4.226	ng	97
31) Naphthalene	8.378	128	155388	4.210	ng	98
32) Benzoic acid	8.019	122	19813	2.281	ng	97
33) 4-Chloroaniline	8.419	127	63960	3.908	ng	97
34) Hexachlorobutadiene	8.490	225	26217	4.180	ng	98
35) Caprolactam	8.742	113	13222	3.722	ng	89
36) 4-Chloro-3-methylphenol	8.884	107	42607	3.796	ng	96
37) 2-Methylnaphthalene	9.072	142	101460	4.058	ng	99
38) 1-Methylnaphthalene	9.172	142	98054	4.221	ng	99
40) 1,2,4,5-Tetrachloroben...	9.237	216	44259	4.085	ng	98
41) Hexachlorocyclopentadiene	9.219	237	24390	3.858	ng	98
43) 2,4,6-Trichlorophenol	9.342	196	28729	3.709	ng	99

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44) 2,4,5-Trichlorophenol	9.378	196	30372	3.407	ng		95
46) 1,1'-Biphenyl	9.531	154	130880	4.409	ng		99
47) 2-Chloronaphthalene	9.560	162	93955	4.156	ng		98
48) 2-Nitroaniline	9.648	65	23232	3.455	ng		98
49) Acenaphthylene	9.978	152	149050	4.040	ng		99
50) Dimethylphthalate	9.825	163	107464	3.990	ng		100
51) 2,6-Dinitrotoluene	9.889	165	22226	3.695	ng		88
52) Acenaphthene	10.154	154	92345	3.998	ng		99
53) 3-Nitroaniline	10.060	138	25298	3.468	ng		96
54) 2,4-Dinitrophenol	10.160	184	5804	5.902	ng	#	1
55) Dibenzofuran	10.325	168	135486	4.174	ng		93
56) 4-Nitrophenol	10.195	139	17596	3.206	ng	#	84
57) 2,4-Dinitrotoluene	10.289	165	28005	3.584	ng		99
58) Fluorene	10.672	166	105970	4.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	23628	3.636	ng		97
60) Diethylphthalate	10.531	149	106834	3.988	ng		100
61) 4-Chlorophenyl-phenyle...	10.660	204	48499	4.091	ng		98
62) 4-Nitroaniline	10.666	138	24275	3.470	ng		97
63) Azobenzene	10.819	77	102000	3.908	ng		98
65) 4,6-Dinitro-2-methylph...	10.701	198	9963	2.514	ng		96
66) n-Nitrosodiphenylamine	10.778	169	89787	4.107	ng		98
67) 4-Bromophenyl-phenylether	11.154	248	28247	3.951	ng		95
68) Hexachlorobenzene	11.219	284	33321	4.361	ng		96
69) Atrazine	11.295	200	26354	4.191	ng		96
70) Pentachlorophenol	11.413	266	13436	2.559	ng		94
71) Phenanthrene	11.642	178	155238	4.255	ng		98
72) Anthracene	11.695	178	157015	4.229	ng		97
73) Carbazole	11.842	167	137582	4.133	ng		98
74) Di-n-butylphthalate	12.166	149	155483	3.951	ng		98
75) Fluoranthene	12.836	202	148705	3.994	ng		97
77) Benzidine	12.954	184	71732	4.182	ng		99
78) Pyrene	13.072	202	157211	3.984	ng		98
80) Butylbenzylphthalate	13.683	149	55762	3.198	ng		98
81) Benzo(a)anthracene	14.266	228	132739	3.868	ng		99
82) 3,3'-Dichlorobenzidine	14.224	252	43026	3.936	ng		96
83) Chrysene	14.307	228	123928	3.857	ng		96
84) Bis(2-ethylhexyl)phtha...	14.242	149	80204	3.403	ng		98
85) Di-n-octyl phthalate	14.877	149	124467	3.238	ng		100
87) Indeno(1,2,3-cd)pyrene	17.501	276	94827	3.096	ng		98
88) Benzo(b)fluoranthene	15.383	252	113521	3.875	ng		99
89) Benzo(k)fluoranthene	15.419	252	111287	3.980	ng		98
90) Benzo(a)pyrene	15.795	252	94559	3.466	ng		98
91) Dibenzo(a,h)anthracene	17.524	278	80947	3.288	ng		100
92) Benzo(g,h,i)perylene	18.001	276	81643	3.210	ng		98

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

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