Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
Data File : BF132859.D
Acq On : 11 Apr 2023 20:21
Operator : CG\JU
Sample : 01627-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 12 04:07:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 12 03:34:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	225505	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	879686	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	455755	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	822750	20.000	ng		0.00
76) Chrysene-d12	13.916	240	596377	20.000	ng		0.00
86) Perylene-d12	15.345	264	497003	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1617531	111.434	ng		0.00
7) Phenol-d6	6.398	99	2055607	109.800	ng		0.00
23) Nitrobenzene-d5	7.334	82	1422397	83.670	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	507564	125.311	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	2332270	80.954	ng		0.00
79) Terphenyl-d14	12.875	244	2531107	73.536	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.228	79	137951	6.924	ng		98
4) n-Nitrosodimethylamine	3.116	42	72266	7.508	ng	#	99
6) Aniline	6.434	93	191731	7.923	ng		98
8) 2-Chlorophenol	6.551	128	122254	8.373	ng		96
9) Benzaldehyde	6.316	77	118099	5.352	ng		99
10) Phenol	6.410	94	181078m	8.590	ng		
11) bis(2-Chloroethyl)ether	6.504	93	127730	8.173	ng		99
12) 1,3-Dichlorobenzene	6.710	146	142331	8.835	ng		98
13) 1,4-Dichlorobenzene	6.787	146	142467	8.773	ng		98
14) 1,2-Dichlorobenzene	6.940	146	132866	8.713	ng		99
15) Benzyl Alcohol	6.904	79	118067	9.700	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	222639	8.533	ng		99
17) 2-Methylphenol	7.016	107	101851	7.651	ng		97
18) Hexachloroethane	7.287	117	46561	8.329	ng		93
19) n-Nitroso-di-n-propyla...	7.181	70	89011	8.351	ng		96
20) 3+4-Methylphenols	7.169	107	131506	8.266	ng		97
22) Acetophenone	7.175	105	188452	9.040	ng		98
24) Nitrobenzene	7.351	77	144850	8.409	ng		97
25) Isophorone	7.587	82	250431	8.262	ng		99
26) 2-Nitrophenol	7.663	139	44823	7.295	ng		97
27) 2,4-Dimethylphenol	7.698	122	109195	8.796	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	152009	8.451	ng		99
29) 2,4-Dichlorophenol	7.904	162	98107	8.325	ng		97
30) 1,2,4-Trichlorobenzene	7.992	180	112224	8.625	ng		99
31) Naphthalene	8.075	128	385525	8.588	ng		99
32) Benzoic acid	7.757	122	26032	10.046	ng		96
33) 4-Chloroaniline	8.122	127	140197	7.862	ng		99
34) Hexachlorobutadiene	8.198	225	60231	8.503	ng		100
35) Caprolactam	8.451	113	25036	11.872	ng		94
36) 4-Chloro-3-methylphenol	8.592	107	103058	8.198	ng		99
37) 2-Methylnaphthalene	8.763	142	255913	8.524	ng		99
38) 1-Methylnaphthalene	8.863	142	236294	8.439	ng		98
40) 1,2,4,5-Tetrachloroben...	8.928	216	106783	8.393	ng		99
41) Hexachlorocyclopentadiene	8.922	237	51096	7.460	ng		97
43) 2,4,6-Trichlorophenol	9.039	196	61368	7.852	ng		99
44) 2,4,5-Trichlorophenol	9.069	196	67323	7.294	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.228	154	325263	8.855	ng		99
47) 2-Chloronaphthalene	9.251	162	233671	8.690	ng		99
48) 2-Nitroaniline	9.339	65	47024	8.123	ng		97
49) Acenaphthylene	9.663	152	369847	8.508	ng		97
50) Dimethylphthalate	9.522	163	241466	8.205	ng		100
51) 2,6-Dinitrotoluene	9.581	165	48246	7.186	ng		92
52) Acenaphthene	9.834	154	232989	8.342	ng		98
53) 3-Nitroaniline	9.745	138	53407	6.876	ng		89
54) 2,4-Dinitrophenol	9.851	184	13104	4.618	ng	#	90
55) Dibenzofuran	10.004	168	334260	8.443	ng		98
56) 4-Nitrophenol	9.892	139	44886	7.332	ng		91
57) 2,4-Dinitrotoluene	9.981	165	56476	6.770	ng		98
58) Fluorene	10.345	166	258099	8.838	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	54323	7.728	ng		97
60) Diethylphthalate	10.228	149	209546	8.377	ng		98
61) 4-Chlorophenyl-phenyle...	10.345	204	119394	8.594	ng		98
62) 4-Nitroaniline	10.351	138	50474	6.804	ng		98
63) Azobenzene	10.504	77	262162	8.045	ng		98
65) 4,6-Dinitro-2-methylph...	10.386	198	18774	4.861	ng		97
66) n-Nitrosodiphenylamine	10.457	169	210509	8.385	ng		98
67) 4-Bromophenyl-phenylether	10.833	248	68256	7.816	ng		97
68) Hexachlorobenzene	10.898	284	78030	8.630	ng		95
69) Atrazine	10.986	200	55181	8.965	ng		97
70) Pentachlorophenol	11.086	266	37857	6.357	ng		99
71) Phenanthrene	11.304	178	379819	8.417	ng		99
72) Anthracene	11.357	178	382612	8.294	ng		100
73) Carbazole	11.510	167	336919	8.348	ng		98
74) Di-n-butylphthalate	11.857	149	219261	11.622	ng		98
75) Fluoranthene	12.492	202	357119	7.905	ng		99
77) Benzidine	12.616	184	49918	18.088	ng	#	90
78) Pyrene	12.722	202	382433	7.507	ng		98
80) Butylbenzylphthalate	13.351	149	16456	15.339	ng		93
81) Benzo(a)anthracene	13.904	228	315423	7.690	ng		99
82) 3,3'-Dichlorobenzidine	13.874	252	53182	10.997	ng		96
83) Chrysene	13.939	228	312777	7.746	ng		98
84) Bis(2-ethylhexyl)phtha...	13.916	149	31612	14.941	ng	#	98
85) Di-n-octyl phthalate	14.521	149	39084	14.574	ng		96
87) Indeno(1,2,3-cd)pyrene	16.733	276	171321	8.918	ng		99
88) Benzo(b)fluoranthene	14.933	252	251134	7.829	ng		98
89) Benzo(k)fluoranthene	14.963	252	270847	8.220	ng		98
90) Benzo(a)pyrene	15.280	252	200290	6.962	ng		97
91) Dibenzo(a,h)anthracene	16.757	278	144006	8.772	ng		98
92) Benzo(g,h,i)perylene	17.151	276	141387	8.786	ng		95

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

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