Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
Data File : BF132208.D
Acq On : 27 Jan 2023 20:29
Operator : CG\JU
Sample : N3980-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 28 04:02:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 02:25:45 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.078	152	227938	20.000	ng		0.00
21) Naphthalene-d8	8.366	136	811859	20.000	ng		0.00
39) Acenaphthene-d10	10.131	164	434195	20.000	ng		0.00
64) Phenanthrene-d10	11.630	188	799796	20.000	ng		0.00
76) Chrysene-d12	14.289	240	477234	20.000	ng		0.00
86) Perylene-d12	15.877	264	380325	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	1463925	106.858	ng		0.00
7) Phenol-d6	6.695	99	1798994	104.729	ng		0.00
23) Nitrobenzene-d5	7.642	82	1139218	73.462	ng		0.00
42) 2,4,6-Tribromophenol	10.925	330	500010	124.363	ng		0.00
45) 2-Fluorobiphenyl	9.442	172	2033671	68.919	ng		0.00
79) Terphenyl-d14	13.224	244	2174894	71.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.019	88	27788	4.030	ng		95
3) Pyridine	3.825	79	62796	3.316	ng		98
4) n-Nitrosodimethylamine	3.719	42	21232	3.350	ng	#	97
6) Aniline	6.742	93	93587m	3.891	ng		
8) 2-Chlorophenol	6.860	128	60397	4.397	ng		98
9) Benzaldehyde	6.631	77	51865	4.026	ng		99
10) Phenol	6.701	94	74108	4.144	ng		90
11) bis(2-Chloroethyl)ether	6.807	93	63706	4.130	ng		96
12) 1,3-Dichlorobenzene	7.019	146	68681	4.497	ng		98
13) 1,4-Dichlorobenzene	7.095	146	69657	4.575	ng		97
14) 1,2-Dichlorobenzene	7.248	146	64706	4.575	ng		98
15) Benzyl Alcohol	7.207	79	63165m	5.004	ng		
16) 2,2'-oxybis(1-Chloropr...	7.342	45	72192	4.121	ng		98
17) 2-Methylphenol	7.307	107	47911	3.836	ng		96
18) Hexachloroethane	7.595	117	24241	4.333	ng		91
19) n-Nitroso-di-n-propyla...	7.478	70	42322	4.093	ng		98
20) 3+4-Methylphenols	7.460	107	61509	3.918	ng		88
22) Acetophenone	7.478	105	90763	4.572	ng		97
24) Nitrobenzene	7.660	77	66674	4.159	ng		92
25) Isophorone	7.889	82	116328	3.901	ng		99
26) 2-Nitrophenol	7.972	139	23760	5.900	ng		91
27) 2,4-Dimethylphenol	7.995	122	49481	3.968	ng		99
28) bis(2-Chloroethoxy)met...	8.095	93	76830	4.184	ng		97
29) 2,4-Dichlorophenol	8.207	162	47662	4.093	ng		99
30) 1,2,4-Trichlorobenzene	8.301	180	57524	4.300	ng		98
31) Naphthalene	8.384	128	181762	4.525	ng		98
32) Benzoic acid	8.031	122	13520	8.669	ng		93
33) 4-Chloroaniline	8.425	127	71304	4.095	ng		97
34) Hexachlorobutadiene	8.501	225	35912	4.297	ng		99
35) Caprolactam	8.748	113	11957	3.626	ng		99
36) 4-Chloro-3-methylphenol	8.889	107	46947	3.937	ng		97
37) 2-Methylnaphthalene	9.078	142	119823	4.347	ng		100
38) 1-Methylnaphthalene	9.178	142	114260	4.469	ng		100
40) 1,2,4,5-Tetrachloroben...	9.242	216	61641	4.230	ng		97
41) Hexachlorocyclopentadiene	9.231	237	29623	4.002	ng		95
43) 2,4,6-Trichlorophenol	9.348	196	33044	3.717	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.383	196	36139	3.471	ng		98
46) 1,1'-Biphenyl	9.542	154	153363	4.583	ng		98
47) 2-Chloronaphthalene	9.572	162	115114	4.432	ng		95
48) 2-Nitroaniline	9.660	65	23683	3.396	ng	#	86
49) Acenaphthylene	9.989	152	170484	4.225	ng		98
50) Dimethylphthalate	9.831	163	126185	4.282	ng		98
51) 2,6-Dinitrotoluene	9.895	165	24392	3.896	ng		92
52) Acenaphthene	10.160	154	103380	4.167	ng		96
53) 3-Nitroaniline	10.066	138	25164	3.633	ng		96
54) 2,4-Dinitrophenol	10.172	184	4109	7.945	ng	#	1
55) Dibenzofuran	10.336	168	163240	4.392	ng		92
56) 4-Nitrophenol	10.207	139	14139	2.825	ng		97
57) 2,4-Dinitrotoluene	10.301	165	26995	3.503	ng	#	87
58) Fluorene	10.678	166	126650	4.461	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	26162	3.536	ng		98
60) Diethylphthalate	10.536	149	119395	4.157	ng		96
61) 4-Chlorophenyl-phenyle...	10.672	204	63456	4.237	ng	#	87
62) 4-Nitroaniline	10.678	138	22155	3.409	ng		90
63) Azobenzene	10.830	77	117546	3.878	ng		98
65) 4,6-Dinitro-2-methylph...	10.707	198	8213	7.086	ng		95
66) n-Nitrosodiphenylamine	10.783	169	105235	4.190	ng		99
67) 4-Bromophenyl-phenylether	11.166	248	36167	3.928	ng		96
68) Hexachlorobenzene	11.230	284	39970	4.381	ng		91
69) Atrazine	11.301	200	30087	4.174	ng		99
70) Pentachlorophenol	11.419	266	12641	2.099	ng		97
71) Phenanthrene	11.654	178	175740	4.319	ng		97
72) Anthracene	11.701	178	175063	4.225	ng		98
73) Carbazole	11.854	167	148299	4.167	ng		98
74) Di-n-butylphthalate	12.177	149	153830	3.799	ng	#	97
75) Fluoranthene	12.848	202	167737	4.052	ng		98
77) Benzidine	12.966	184	48633	3.904	ng		97
78) Pyrene	13.083	202	174379	3.900	ng		96
80) Butylbenzylphthalate	13.695	149	42914	4.494	ng		87
81) Benzo(a)anthracene	14.277	228	131679	3.924	ng		97
82) 3,3'-Dichlorobenzidine	14.236	252	30924	3.401	ng		99
83) Chrysene	14.313	228	124715	3.988	ng		98
84) Bis(2-ethylhexyl)phtha...	14.254	149	57548	3.643	ng		97
85) Di-n-octyl phthalate	14.889	149	56795	7.012	ng		100
87) Indeno(1,2,3-cd)pyrene	17.524	276	68675	2.731	ng		99
88) Benzo(b)fluoranthene	15.395	252	87108	3.729	ng		99
89) Benzo(k)fluoranthene	15.430	252	95603	3.967	ng		99
90) Benzo(a)pyrene	15.807	252	71041	3.223	ng		97
91) Dibenzo(a,h)anthracene	17.548	278	58976	2.869	ng		95
92) Benzo(g,h,i)perylene	18.024	276	60017	2.863	ng		99

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

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