Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
Data File : BF127305.D
Acq On : 11 Mar 2022 17:48
Operator : CG\JU
Sample : N1645-08
Misc : LOQ-WATER-5 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 03:25:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 12 03:23:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	130413	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	462073	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	273296	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	482996	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	377162	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	286984	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	744237	91.740	ng		0.00
7) Phenol-d6	6.504	99	1039573	93.152	ng		0.00
23) Nitrobenzene-d5	7.439	82	741393	66.263	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	275372	93.600	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1230368	63.648	ng		0.00
79) Terphenyl-d14	12.992	244	1341529	61.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	16982	4.037	ng	#	85
3) Pyridine	3.516	79	39844	3.560	ng	#	82
4) n-Nitrosodimethylamine	3.404	42	26619	4.292	ng	#	63
6) Aniline	6.534	93	74717	5.602	ng		95
8) 2-Chlorophenol	6.657	128	41219	4.911	ng		96
9) Benzaldehyde	6.428	77	40736	6.262	ng		99
10) Phenol	6.516	94	59836	4.881	ng		91
11) bis(2-Chloroethyl)ether	6.604	93	47026	5.165	ng		90
12) 1,3-Dichlorobenzene	6.810	146	46581	4.945	ng		98
13) 1,4-Dichlorobenzene	6.887	146	48802	5.164	ng		98
14) 1,2-Dichlorobenzene	7.039	146	44198	4.969	ng		97
15) Benzyl Alcohol	7.010	79	41589	4.972	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.139	45	84961	4.973	ng		100
17) 2-Methylphenol	7.116	107	35303	4.948	ng	#	89
18) Hexachloroethane	7.375	117	17823	4.909	ng	#	82
19) n-Nitroso-di-n-propyla...	7.275	70	35897	5.155	ng	#	89
20) 3+4-Methylphenols	7.275	107	45558	4.924	ng	#	53
22) Acetophenone	7.275	105	64768	5.119	ng	#	93
24) Nitrobenzene	7.451	77	55347	5.230	ng		92
25) Isophorone	7.681	82	94886	5.274	ng		97
26) 2-Nitrophenol	7.769	139	20627	4.707	ng	#	84
27) 2,4-Dimethylphenol	7.798	122	37203	5.655	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	58710	5.150	ng		99
29) 2,4-Dichlorophenol	8.010	162	36889	4.896	ng		96
30) 1,2,4-Trichlorobenzene	8.086	180	42935	4.999	ng		98
31) Naphthalene	8.175	128	129287	5.245	ng		98
32) Benzoic acid	7.898	122	9029m	2.212	ng		
33) 4-Chloroaniline	8.222	127	51564	5.397	ng		93
34) Hexachlorobutadiene	8.281	225	26413	4.611	ng		97
35) Caprolactam	8.563	113	10917	4.850	ng		96
36) 4-Chloro-3-methylphenol	8.704	107	38751	4.745	ng		100
37) 2-Methylnaphthalene	8.863	142	87493	5.432	ng		98
38) 1-Methylnaphthalene	8.963	142	84583	5.463	ng		95
40) 1,2,4,5-Tetrachloroben...	9.028	216	45476	5.256	ng	#	94
41) Hexachlorocyclopentadiene	9.010	237	8337	2.742	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	23544	4.312	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	23222m	4.007	ng		
46) 1,1'-Biphenyl	9.328	154	110547	5.359	ng		97
47) 2-Chloronaphthalene	9.351	162	83270	5.186	ng		97
48) 2-Nitroaniline	9.451	65	28714	4.648	ng	#	82
49) Acenaphthylene	9.769	152	136097	5.539	ng		97
50) Dimethylphthalate	9.622	163	94644	4.833	ng	#	99
51) 2,6-Dinitrotoluene	9.692	165	19437	4.907	ng		94
52) Acenaphthene	9.939	154	75129	5.129	ng		98
53) 3-Nitroaniline	9.863	138	20011	4.636	ng		99
54) 2,4-Dinitrophenol	9.980	184	3653	1.871	ng		98
55) Dibenzofuran	10.116	168	115396	5.071	ng		96
56) 4-Nitrophenol	10.039	139	9162	3.492	ng		90
57) 2,4-Dinitrotoluene	10.098	165	25272	4.849	ng	#	90
58) Fluorene	10.457	166	92074	5.218	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	20384	4.233	ng	#	78
60) Diethylphthalate	10.322	149	88788	4.970	ng		96
61) 4-Chlorophenyl-phenyle...	10.445	204	47542	4.972	ng		88
62) 4-Nitroaniline	10.475	138	19589	4.554	ng		87
63) Azobenzene	10.610	77	100386	4.889	ng		92
65) 4,6-Dinitro-2-methylph...	10.510	198	9374	3.148	ng		88
66) n-Nitrosodiphenylamine	10.569	169	77467	5.164	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	28281	4.857	ng	#	91
68) Hexachlorobenzene	11.004	284	30623	4.826	ng	#	87
69) Atrazine	11.086	200	27028	5.222	ng		93
70) Pentachlorophenol	11.210	266	6343	2.476	ng		91
71) Phenanthrene	11.422	178	130340	5.112	ng		99
72) Anthracene	11.474	178	134486	5.326	ng		97
73) Carbazole	11.633	167	116498	4.899	ng		95
74) Di-n-butylphthalate	11.951	149	135327	4.866	ng		99
75) Fluoranthene	12.616	202	142750	5.007	ng		93
77) Benzidine	12.739	184	66382	6.921	ng		98
78) Pyrene	12.845	202	147521	5.022	ng		98
80) Butylbenzylphthalate	13.457	149	50513	4.468	ng	#	93
81) Benzo(a)anthracene	14.033	228	125069	4.925	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	40259	5.099	ng	#	96
83) Chrysene	14.068	228	113775	4.817	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	71123	4.673	ng	#	94
85) Di-n-octyl phthalate	14.621	149	105879	4.596	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.033	276	72109	4.171	ng	#	87
88) Benzo(b)fluoranthene	15.092	252	92083	4.888	ng	#	93
89) Benzo(k)fluoranthene	15.121	252	95479	5.391	ng	#	92
90) Benzo(a)pyrene	15.468	252	82465	5.559	ng	#	92
91) Dibenzo(a,h)anthracene	17.045	278	61233	4.256	ng	#	92
92) Benzo(g,h,i)perylene	17.486	276	59838	4.263	ng	#	85

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

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