Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
Data File : BF127307.D
Acq On : 11 Mar 2022 18:45
Operator : CG\JU
Sample : N1645-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 12 03:25:40 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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	137540	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	494739	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	289182	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	506858	20.000	ng		0.00
76) Chrysene-d12	14.045	240	378962	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	278462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	666687	77.922	ng		0.00
7) Phenol-d6	6.504	99	925186	78.607	ng		0.00
23) Nitrobenzene-d5	7.439	82	700965	58.513	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	245550	78.878	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1177744	57.579	ng		0.00
79) Terphenyl-d14	12.992	244	1324622	60.189	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	29472	6.643	ng	#	80
3) Pyridine	3.475	79	75303	6.379	ng	#	76
4) n-Nitrosodimethylamine	3.398	42	46275	7.075	ng	#	71
6) Aniline	6.534	93	128686	9.149	ng		95
8) 2-Chlorophenol	6.657	128	73090	8.258	ng		99
9) Benzaldehyde	6.422	77	73282	10.681	ng		90
10) Phenol	6.516	94	106850	8.264	ng		92
11) bis(2-Chloroethyl)ether	6.604	93	80545	8.389	ng		93
12) 1,3-Dichlorobenzene	6.810	146	84309	8.486	ng		97
13) 1,4-Dichlorobenzene	6.886	146	83645	8.392	ng		97
14) 1,2-Dichlorobenzene	7.039	146	76170	8.120	ng		97
15) Benzyl Alcohol	7.010	79	71673	8.124	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.139	45	147199	8.169	ng		99
17) 2-Methylphenol	7.116	107	61475	8.170	ng		94
18) Hexachloroethane	7.375	117	31501	8.227	ng	#	84
19) n-Nitroso-di-n-propyla...	7.275	70	63687	8.671	ng		89
20) 3+4-Methylphenols	7.275	107	79164	8.112	ng	#	59
22) Acetophenone	7.275	105	110376	8.148	ng	#	88
24) Nitrobenzene	7.451	77	94513	8.341	ng		94
25) Isophorone	7.686	82	169889	8.819	ng		98
26) 2-Nitrophenol	7.769	139	37535	7.999	ng	#	84
27) 2,4-Dimethylphenol	7.798	122	67577	9.594	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	103471	8.477	ng		99
29) 2,4-Dichlorophenol	8.010	162	65090	8.069	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	75371	8.196	ng		95
31) Naphthalene	8.175	128	224296	8.499	ng		99
32) Benzoic acid	7.892	122	16791	3.842	ng		88
33) 4-Chloroaniline	8.222	127	90197	8.817	ng		94
34) Hexachlorobutadiene	8.280	225	47717	7.781	ng		96
35) Caprolactam	8.569	113	19954	8.280	ng		90
36) 4-Chloro-3-methylphenol	8.704	107	71635	8.193	ng		98
37) 2-Methylnaphthalene	8.863	142	150648	8.736	ng		97
38) 1-Methylnaphthalene	8.963	142	145994	8.806	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	78554	8.581	ng	#	92
41) Hexachlorocyclopentadiene	9.010	237	21694	6.743	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	44847	7.762	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	43697m	7.126	ng		
46) 1,1'-Biphenyl	9.327	154	190974	8.750	ng		98
47) 2-Chloronaphthalene	9.351	162	143642	8.455	ng		99
48) 2-Nitroaniline	9.451	65	52335	8.006	ng		89
49) Acenaphthylene	9.769	152	239110	9.196	ng		98
50) Dimethylphthalate	9.622	163	168187	8.116	ng		99
51) 2,6-Dinitrotoluene	9.692	165	36081	8.608	ng		92
52) Acenaphthene	9.939	154	133062	8.586	ng		96
53) 3-Nitroaniline	9.863	138	36957	8.091	ng		98
54) 2,4-Dinitrophenol	9.980	184	11009	5.330	ng		90
55) Dibenzofuran	10.110	168	204267	8.484	ng		99
56) 4-Nitrophenol	10.033	139	18857	6.792	ng	#	78
57) 2,4-Dinitrotoluene	10.098	165	47564	8.625	ng	#	89
58) Fluorene	10.457	166	160127	8.577	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	35597	6.985	ng	#	81
60) Diethylphthalate	10.322	149	158247	8.372	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	83886	8.291	ng		93
62) 4-Nitroaniline	10.474	138	35146	7.721	ng		85
63) Azobenzene	10.610	77	179284	8.251	ng		89
65) 4,6-Dinitro-2-methylph...	10.510	198	19363	6.196	ng		87
66) n-Nitrosodiphenylamine	10.569	169	135695	8.620	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	50701	8.298	ng		94
68) Hexachlorobenzene	11.004	284	55639	8.356	ng	#	88
69) Atrazine	11.092	200	48570	8.942	ng		96
70) Pentachlorophenol	11.210	266	14946	5.559	ng		98
71) Phenanthrene	11.421	178	229714	8.585	ng		98
72) Anthracene	11.474	178	235200	8.876	ng		99
73) Carbazole	11.633	167	205319	8.228	ng		97
74) Di-n-butylphthalate	11.951	149	246765	8.455	ng		100
75) Fluoranthene	12.615	202	248561	8.308	ng		93
77) Benzidine	12.739	184	120134	12.466	ng		99
78) Pyrene	12.845	202	253514	8.589	ng		99
80) Butylbenzylphthalate	13.457	149	89379	7.868	ng	#	93
81) Benzo(a)anthracene	14.033	228	209352	8.205	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	69284	8.733	ng	#	94
83) Chrysene	14.074	228	191848	8.084	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	128352	8.393	ng	#	99
85) Di-n-octyl phthalate	14.627	149	183350	7.922	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	124036	7.394	ng	#	87
88) Benzo(b)fluoranthene	15.092	252	163569	8.949	ng	#	93
89) Benzo(k)fluoranthene	15.121	252	145413	8.461	ng	#	93
90) Benzo(a)pyrene	15.468	252	137089	9.525	ng	#	93
91) Dibenzo(a,h)anthracene	17.045	278	107245	7.681	ng	#	93
92) Benzo(g,h,i)perylene	17.492	276	104435	7.668	ng	#	86

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

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