Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
Data File : BF127306.D
Acq On : 11 Mar 2022 18:16
Operator : CG\JU
Sample : N1645-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 12 03:25:27 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	117116	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	416239	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	249507	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	440861	20.000	ng	#	0.00
76) Chrysene-d12	14.045	240	326585	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	242772	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	624574	85.730	ng		0.00
7) Phenol-d6	6.504	99	873056	87.113	ng		0.00
23) Nitrobenzene-d5	7.434	82	607327	60.257	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	239847	89.298	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1035797	58.692	ng		0.00
79) Terphenyl-d14	12.992	244	1141764	60.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	28355	7.506	ng	#	80
3) Pyridine	3.469	79	67784	6.743	ng	#	75
4) n-Nitrosodimethylamine	3.393	42	41495	7.451	ng	#	67
6) Aniline	6.534	93	119894	10.010	ng		94
8) 2-Chlorophenol	6.657	128	70391	9.340	ng		97
9) Benzaldehyde	6.422	77	67760	11.599	ng		95
10) Phenol	6.516	94	99388	9.028	ng		87
11) bis(2-Chloroethyl)ether	6.604	93	75427	9.226	ng		90
12) 1,3-Dichlorobenzene	6.810	146	79354	9.380	ng		98
13) 1,4-Dichlorobenzene	6.887	146	81209	9.568	ng		97
14) 1,2-Dichlorobenzene	7.040	146	75700	9.477	ng		94
15) Benzyl Alcohol	7.010	79	67212	8.947	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.140	45	141614	9.230	ng		99
17) 2-Methylphenol	7.116	107	61818	9.648	ng		94
18) Hexachloroethane	7.375	117	29821	9.147	ng	#	82
19) n-Nitroso-di-n-propyla...	7.275	70	57881	9.255	ng	#	85
20) 3+4-Methylphenols	7.275	107	75656	9.105	ng	#	63
22) Acetophenone	7.275	105	106441	9.340	ng	#	88
24) Nitrobenzene	7.451	77	90303	9.473	ng		94
25) Isophorone	7.687	82	162183	10.007	ng	#	99
26) 2-Nitrophenol	7.769	139	35986	9.116	ng	#	86
27) 2,4-Dimethylphenol	7.798	122	62375	10.525	ng		95
28) bis(2-Chloroethoxy)met...	7.892	93	96471	9.395	ng		97
29) 2,4-Dichlorophenol	8.010	162	62876	9.264	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	72560	9.378	ng		96
31) Naphthalene	8.175	128	212116	9.553	ng		100
32) Benzoic acid	7.898	122	27202m	7.397	ng		
33) 4-Chloroaniline	8.222	127	83879	9.746	ng	#	92
34) Hexachlorobutadiene	8.281	225	47437	9.194	ng		97
35) Caprolactam	8.569	113	18646	9.197	ng	#	78
36) 4-Chloro-3-methylphenol	8.698	107	67577	9.187	ng		94
37) 2-Methylnaphthalene	8.863	142	142434	9.817	ng		95
38) 1-Methylnaphthalene	8.963	142	136756	9.805	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	76346	9.666	ng	#	92
41) Hexachlorocyclopentadiene	9.010	237	28941	10.427	ng		93
43) 2,4,6-Trichlorophenol	9.145	196	41725	8.370	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	41490m	7.842	ng		
46) 1,1'-Biphenyl	9.328	154	181723	9.650	ng		98
47) 2-Chloronaphthalene	9.351	162	139672	9.528	ng		98
48) 2-Nitroaniline	9.451	65	50261	8.911	ng		89
49) Acenaphthylene	9.769	152	226003	10.075	ng		98
50) Dimethylphthalate	9.622	163	161563	9.037	ng	#	99
51) 2,6-Dinitrotoluene	9.692	165	34865	9.640	ng		95
52) Acenaphthene	9.939	154	127753	9.554	ng		97
53) 3-Nitroaniline	9.863	138	35819	9.089	ng		95
54) 2,4-Dinitrophenol	9.975	184	16074	9.020	ng		94
55) Dibenzofuran	10.116	168	195995	9.435	ng		94
56) 4-Nitrophenol	10.033	139	16786	7.007	ng		89
57) 2,4-Dinitrotoluene	10.098	165	44909	9.438	ng	#	93
58) Fluorene	10.457	166	151227	9.388	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	38228	8.694	ng	#	77
60) Diethylphthalate	10.322	149	147933	9.071	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	79927	9.156	ng		90
62) 4-Nitroaniline	10.475	138	34112	8.686	ng		87
63) Azobenzene	10.610	77	171013	9.122	ng		90
65) 4,6-Dinitro-2-methylph...	10.510	198	24901	9.161	ng		88
66) n-Nitrosodiphenylamine	10.569	169	127056	9.280	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	48782	9.179	ng		93
68) Hexachlorobenzene	11.004	284	52093	8.994	ng		91
69) Atrazine	11.092	200	46952	9.938	ng		94
70) Pentachlorophenol	11.204	266	26272	11.235	ng		97
71) Phenanthrene	11.422	178	218296	9.380	ng		99
72) Anthracene	11.475	178	221227	9.599	ng		100
73) Carbazole	11.633	167	191827	8.838	ng		98
74) Di-n-butylphthalate	11.951	149	233897	9.214	ng		99
75) Fluoranthene	12.616	202	240157	9.229	ng		92
77) Benzidine	12.739	184	113833	13.706	ng		97
78) Pyrene	12.845	202	242943	9.551	ng		98
80) Butylbenzylphthalate	13.457	149	87275	8.915	ng	#	90
81) Benzo(a)anthracene	14.033	228	201911	9.182	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	65494	9.579	ng	#	95
83) Chrysene	14.074	228	184442	9.018	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	121256	9.201	ng	#	97
85) Di-n-octyl phthalate	14.627	149	175121	8.780	ng		96
87) Indeno(1,2,3-cd)pyrene	17.033	276	120790	8.259	ng	#	86
88) Benzo(b)fluoranthene	15.092	252	145882	9.155	ng	#	92
89) Benzo(k)fluoranthene	15.121	252	155820	10.399	ng	#	93
90) Benzo(a)pyrene	15.468	252	135737	10.817	ng	#	91
91) Dibenzo(a,h)anthracene	17.045	278	106674	8.764	ng	#	90
92) Benzo(g,h,i)perylene	17.492	276	101490	8.548	ng	#	85

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

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