Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
Data File : BF126919.D
Acq On : 16 Feb 2022 18:34
Operator : CG\JU
Sample : M4068-08
Misc : LOQ-WATER 10ppm
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 17 01:08:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	116513	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	471405	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	250597	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	450268	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	292248	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	211521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	765567	101.554	ng	0.00
7) Phenol-d6	6.551	99	1048591	103.085	ng	0.00
23) Nitrobenzene-d5	7.498	82	742343	71.080	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	308495	106.920	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1181010	69.380	ng	0.00
79) Terphenyl-d14	13.051	244	1341732	67.491	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	27214	7.889	ng	97
3) Pyridine	3.540	79	73994	8.178	ng	# 86
4) n-Nitrosodimethylamine	3.463	42	39931	9.009	ng	77
6) Aniline	6.598	93	128502	10.662	ng	98
8) 2-Chlorophenol	6.716	128	79601	9.841	ng	95
9) Benzaldehyde	6.486	77	69977	11.301	ng	99
10) Phenol	6.563	94	99832	9.713	ng	82
11) bis(2-Chloroethyl)ether	6.663	93	78539	9.742	ng	94
12) 1,3-Dichlorobenzene	6.869	146	82822	9.492	ng	98
13) 1,4-Dichlorobenzene	6.951	146	85350	9.649	ng	98
14) 1,2-Dichlorobenzene	7.104	146	80258	9.514	ng	96
15) Benzyl Alcohol	7.063	79	90137	10.518	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	120657	9.505	ng	96
17) 2-Methylphenol	7.169	107	68939	9.851	ng	95
18) Hexachloroethane	7.445	117	32550	9.600	ng	# 91
19) n-Nitroso-di-n-propyla...	7.333	70	68802	10.497	ng	98
20) 3+4-Methylphenols	7.322	107	92966	10.230	ng	# 72
22) Acetophenone	7.333	105	109033	8.785	ng	# 97
24) Nitrobenzene	7.510	77	99510	10.086	ng	94
25) Isophorone	7.745	82	183424	10.614	ng	97
26) 2-Nitrophenol	7.828	139	39989	9.520	ng	# 81
27) 2,4-Dimethylphenol	7.851	122	76920	11.147	ng	95
28) bis(2-Chloroethoxy)met...	7.957	93	104164	9.942	ng	97
29) 2,4-Dichlorophenol	8.063	162	63349	9.764	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	70688	9.746	ng	97
31) Naphthalene	8.233	128	249305	10.131	ng	100
32) Benzoic acid	7.933	122	39843	8.141	ng	93
33) 4-Chloroaniline	8.280	127	101738	10.504	ng	97
34) Hexachlorobutadiene	8.345	225	39557	9.341	ng	97
35) Caprolactam	8.622	113	20122	8.881	ng	90
36) 4-Chloro-3-methylphenol	8.751	107	82209	9.915	ng	98
37) 2-Methylnaphthalene	8.922	142	165832	10.385	ng	97
38) 1-Methylnaphthalene	9.027	142	157067	10.272	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	56631	8.585	ng	97
41) Hexachlorocyclopentadiene	9.075	237	37061	10.359	ng	96
43) 2,4,6-Trichlorophenol	9.198	196	44452	9.188	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	46712	9.175	ng		93
46) 1,1'-Biphenyl	9.386	154	174915	8.810	ng		97
47) 2-Chloronaphthalene	9.416	162	146225	9.932	ng		97
48) 2-Nitroaniline	9.510	65	55394	9.534	ng		93
49) Acenaphthylene	9.833	152	256174	10.711	ng		98
50) Dimethylphthalate	9.680	163	174818	9.760	ng		97
51) 2,6-Dinitrotoluene	9.745	165	37603	10.318	ng	#	82
52) Acenaphthene	10.004	154	155189	9.978	ng		97
53) 3-Nitroaniline	9.916	138	42837	9.616	ng		98
54) 2,4-Dinitrophenol	10.022	184	13980	7.248	ng	#	89
55) Dibenzofuran	10.174	168	212670	9.944	ng		94
56) 4-Nitrophenol	10.063	139	39268	11.935	ng	#	84
57) 2,4-Dinitrotoluene	10.151	165	49236	9.992	ng	#	92
58) Fluorene	10.516	166	169856	10.196	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	36060	8.934	ng		97
60) Diethylphthalate	10.386	149	187957	10.042	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	78221	9.957	ng		99
62) 4-Nitroaniline	10.527	138	40071	9.109	ng	#	83
63) Azobenzene	10.669	77	202940	9.737	ng		96
65) 4,6-Dinitro-2-methylph...	10.557	198	19249	7.276	ng		86
66) n-Nitrosodiphenylamine	10.627	169	146029	9.890	ng		98
67) 4-Bromophenyl-phenylether	11.004	248	50146	9.968	ng		96
68) Hexachlorobenzene	11.063	284	52096	9.619	ng		95
69) Atrazine	11.145	200	37961	8.290	ng		93
70) Pentachlorophenol	11.257	266	31705	10.724	ng		97
71) Phenanthrene	11.486	178	255873	10.153	ng		98
72) Anthracene	11.533	178	254492	10.143	ng		99
73) Carbazole	11.686	167	219833	9.555	ng		99
74) Di-n-butylphthalate	12.016	149	291850	9.867	ng		99
75) Fluoranthene	12.674	202	241569	10.095	ng		96
77) Benzidine	12.792	184	93471m	11.769	ng		
78) Pyrene	12.904	202	242033	9.533	ng		100
80) Butylbenzylphthalate	13.515	149	110435	9.188	ng		94
81) Benzo(a)anthracene	14.092	228	187865	9.535	ng		98
82) 3,3'-Dichlorobenzidine	14.051	252	51683	8.324	ng		97
83) Chrysene	14.127	228	180490	9.742	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	149271	9.459	ng		95
85) Di-n-octyl phthalate	14.686	149	209184	9.206	ng		98
87) Indeno(1,2,3-cd)pyrene	17.133	276	121207	8.739	ng	#	89
88) Benzo(b)fluoranthene	15.156	252	151913	10.693	ng	#	94
89) Benzo(k)fluoranthene	15.186	252	137235	10.015	ng	#	96
90) Benzo(a)pyrene	15.539	252	126667	11.415	ng	#	94
91) Dibenzo(a,h)anthracene	17.150	278	106860	9.316	ng	#	93
92) Benzo(g,h,i)perylene	17.598	276	102848	9.095	ng	#	87

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

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