Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122300.D
Acq On : 10 Nov 2020 15:57
Operator : JU/CG
Sample : L4214-08
Misc : LOQ-WATER-10ppm
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 10 16:48:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED
mohammad
11/11/2020 10:32:18 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	293012	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1131081	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	590966	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	1061786	20.00	ng		0.00
76) Chrysene-d12	14.027	240	958760	20.00	ng		0.00
86) Perylene-d12	15.492	264	879384	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1699793	89.08	ng		0.00
7) Phenol-d6	6.487	99	2180556	87.35	ng		0.00
23) Nitrobenzene-d5	7.428	82	1538796	83.29	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	575510	90.74	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2654790	70.19	ng		0.00
79) Terphenyl-d14	12.980	244	2886510	63.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	71971	8.22	ng		92
3) Pyridine	3.399	79	192261	7.99	ng		96
4) n-Nitrosodimethylamine	3.310	42	89407	7.88	ng		99
6) Aniline	6.522	93	265089	8.09	ng		99
8) 2-Chlorophenol	6.645	128	166412	8.41	ng		95
9) Benzaldehyde	6.410	77	144691	10.28	ng		99
10) Phenol	6.498	94	203173m	8.26	ng		
11) bis(2-Chloroethyl)ether	6.598	93	165112	8.45	ng		94
12) 1,3-Dichlorobenzene	6.804	146	189383	8.43	ng		99
13) 1,4-Dichlorobenzene	6.881	146	194869	8.63	ng		99
14) 1,2-Dichlorobenzene	7.034	146	182575	8.67	ng		99
15) Benzyl Alcohol	6.998	79	132062	7.44	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	236748	8.31	ng		99
17) 2-Methylphenol	7.104	107	138435	8.38	ng		98
18) Hexachloroethane	7.381	117	66863	8.51	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	125371	8.40	ng		98
20) 3+4-Methylphenols	7.257	107	176026	8.66	ng	#	67
22) Acetophenone	7.269	105	244138	8.29	ng	#	87
24) Nitrobenzene	7.445	77	187243	8.86	ng		96
25) Isophorone	7.681	82	318359	7.73	ng		98
26) 2-Nitrophenol	7.763	139	60231	8.44	ng		99
27) 2,4-Dimethylphenol	7.792	122	145259	7.48	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	197305	7.83	ng		99
29) 2,4-Dichlorophenol	7.998	162	134976	7.85	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	153470	8.08	ng		96
31) Naphthalene	8.169	128	500894	8.33	ng		99
32) Benzoic acid	7.845	122	50718m	5.79	ng		
33) 4-Chloroaniline	8.210	127	208705	7.97	ng		99
34) Hexachlorobutadiene	8.292	225	88105	8.07	ng		98
35) Caprolactam	8.545	113	40777	7.48	ng	#	86
36) 4-Chloro-3-methylphenol	8.687	107	138457	7.72	ng		92
37) 2-Methylnaphthalene	8.863	142	324202	8.16	ng		98
38) 1-Methylnaphthalene	8.963	142	302317	8.13	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	150012	8.24	ng		99
41) Hexachlorocyclopentadiene	9.022	237	80500	7.56	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	92388	7.81	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	98310	7.93	ng		98
46) 1,1'-Biphenyl	9.328	154	397645	8.45	ng		96
47) 2-Chloronaphthalene	9.351	162	310882	8.33	ng		96
48) 2-Nitroaniline	9.434	65	77750	8.48	ng		92
49) Acenaphthylene	9.763	152	468178	8.16	ng		99
50) Dimethylphthalate	9.622	163	338369	8.06	ng		98
51) 2,6-Dinitrotoluene	9.681	165	67268	8.28	ng		91
52) Acenaphthene	9.939	154	300437	8.46	ng		99
53) 3-Nitroaniline	9.845	138	76866	8.19	ng		93
54) 2,4-Dinitrophenol	9.945	184	32390	13.05	ng	#	1
55) Dibenzofuran	10.110	168	433613	8.33	ng		96
56) 4-Nitrophenol	9.986	139	58508	7.30	ng		87
57) 2,4-Dinitrotoluene	10.081	165	82631	8.41	ng		89
58) Fluorene	10.451	166	338924	8.51	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	81464	7.90	ng		99
60) Diethylphthalate	10.322	149	334064	8.11	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	160680	8.54	ng		97
62) 4-Nitroaniline	10.451	138	74042	8.02	ng		96
63) Azobenzene	10.604	77	349094	8.08	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	25587	6.34	ng		93
66) n-Nitrosodiphenylamine	10.557	169	292905	8.10	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	98952	7.93	ng		96
68) Hexachlorobenzene	10.998	284	108814	8.07	ng		98
69) Atrazine	11.080	200	82353	9.14	ng		96
70) Pentachlorophenol	11.186	266	52653	6.78	ng		98
71) Phenanthrene	11.410	178	509870	8.46	ng		99
72) Anthracene	11.463	178	512110	8.25	ng		98
73) Carbazole	11.610	167	465550	8.24	ng		99
74) Di-n-butylphthalate	11.951	149	486636	8.08	ng		100
75) Fluoranthene	12.598	202	529368	8.42	ng		97
77) Benzidine	12.716	184	245534	9.23	ng		97
78) Pyrene	12.827	202	542486	8.05	ng		98
80) Butylbenzylphthalate	13.451	149	181560	7.50	ng		94
81) Benzo(a)anthracene	14.016	228	486721	8.16	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	171456	7.72	ng		100
83) Chrysene	14.051	228	483004	8.04	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	260310	8.02	ng		99
85) Di-n-octyl phthalate	14.627	149	395699	7.19	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	388199	7.36	ng		98
88) Benzo(b)fluoranthene	15.057	252	459042	8.06	ng		98
89) Benzo(k)fluoranthene	15.086	252	436029	7.85	ng		99
90) Benzo(a)pyrene	15.427	252	380596	7.67	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	325042	7.35	ng		97
92) Benzo(g,h,i)perylene	17.380	276	308816	7.19	ng		98

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

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