Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
Data File : BF123773.D
Acq On : 30 Apr 2021 16:31
Operator : JU/CG
Sample : M1458-08
Misc : LOQ-WATER-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
5/3/2021 10:50:04 AM

Quant Time: Apr 30 16:58:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 14:46:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	242912	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	901290	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	455916	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	862459	20.00	ng		0.00
76) Chrysene-d12	13.974	240	668571	20.00	ng		-0.01
86) Perylene-d12	15.433	264	479881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1534224	100.06	ng		0.00
7) Phenol-d6	6.445	99	2104982	99.66	ng		0.00
23) Nitrobenzene-d5	7.375	82	1401163	70.18	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	593795	104.62	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2184028	69.76	ng		0.00
79) Terphenyl-d14	12.927	244	2409923	69.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	59696	7.23	ng		95
3) Pyridine	3.293	79	122319	6.06	ng		90
4) n-Nitrosodimethylamine	3.181	42	85577	7.70	ng	#	98
6) Aniline	6.469	93	211292	8.65	ng		96
8) 2-Chlorophenol	6.592	128	127907	7.76	ng		93
9) Benzaldehyde	6.357	77	128831	12.60	ng		98
10) Phenol	6.457	94	183174	8.07	ng		96
11) bis(2-Chloroethyl)ether	6.545	93	134377	8.11	ng		97
12) 1,3-Dichlorobenzene	6.745	146	133688	8.02	ng		98
13) 1,4-Dichlorobenzene	6.828	146	138938	8.24	ng		94
14) 1,2-Dichlorobenzene	6.981	146	126490	7.73	ng		98
15) Benzyl Alcohol	6.945	79	143205	8.65	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	296529	8.42	ng		99
17) 2-Methylphenol	7.057	107	111277	7.92	ng		98
18) Hexachloroethane	7.322	117	53445	8.01	ng		96
19) n-Nitroso-di-n-propyla...	7.216	70	106563	8.17	ng		99
20) 3+4-Methylphenols	7.216	107	143817	8.04	ng	#	77
22) Acetophenone	7.210	105	214421	8.75	ng	#	95
24) Nitrobenzene	7.386	77	160391	7.71	ng		96
25) Isophorone	7.622	82	275222	7.35	ng		99
26) 2-Nitrophenol	7.704	139	65894	7.76	ng		99
27) 2,4-Dimethylphenol	7.745	122	109513	8.21	ng		93
28) bis(2-Chloroethoxy)met...	7.839	93	167373	8.77	ng		98
29) 2,4-Dichlorophenol	7.951	162	98725	7.51	ng		94
30) 1,2,4-Trichlorobenzene	8.034	180	109900	7.98	ng		99
31) Naphthalene	8.116	128	376043	8.10	ng		99
32) Benzoic acid	7.833	122	27145m	3.24	ng		
33) 4-Chloroaniline	8.163	127	159171	8.22	ng		94
34) Hexachlorobutadiene	8.233	225	68382	8.15	ng		98
35) Caprolactam	8.492	113	32292	7.00	ng	#	90
36) 4-Chloro-3-methylphenol	8.639	107	129242	7.88	ng		96
37) 2-Methylnaphthalene	8.804	142	254601	8.42	ng		96
38) 1-Methylnaphthalene	8.904	142	233725	8.22	ng		98
40) 1,2,4,5-Tetrachloroben...	8.969	216	110896	8.27	ng		98
41) Hexachlorocyclopentadiene	8.963	237	54977	10.33	ng		97
43) 2,4,6-Trichlorophenol	9.080	196	65235	7.06	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	71641	7.23	ng		96
46)	1,1'-Biphenyl	9.269	154	319218	8.55	ng		99
47)	2-Chloronaphthalene	9.292	162	227108	8.06	ng		99
48)	2-Nitroaniline	9.386	65	92300	7.44	ng		100
49)	Acenaphthylene	9.710	152	366166	8.05	ng		98
50)	Dimethylphthalate	9.563	163	265135	8.26	ng		99
51)	2,6-Dinitrotoluene	9.627	165	55385	7.46	ng	#	89
52)	Acenaphthene	9.880	154	222620m	8.04	ng		
53)	3-Nitroaniline	9.792	138	66012	7.44	ng		98
54)	2,4-Dinitrophenol	9.904	184	78134	19.82	ng		92
55)	Dibenzofuran	10.051	168	339987	8.12	ng		98
56)	4-Nitrophenol	9.957	139	72062	11.16	ng		93
57)	2,4-Dinitrotoluene	10.027	165	75744	7.48	ng		89
58)	Fluorene	10.392	166	268777	8.35	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.169	232	55091	7.02	ng		99
60)	Diethylphthalate	10.269	149	281138	8.23	ng		100
61)	4-Chlorophenyl-phenyle...	10.386	204	123705	8.25	ng		98
62)	4-Nitroaniline	10.404	138	64518	7.34	ng		98
63)	Azobenzene	10.545	77	301681	7.68	ng		97
65)	4,6-Dinitro-2-methylph...	10.439	198	30497	5.71	ng	#	77
66)	n-Nitrosodiphenylamine	10.504	169	224281	7.95	ng		98
67)	4-Bromophenyl-phenylether	10.874	248	75532	8.32	ng		95
68)	Hexachlorobenzene	10.945	284	87413	8.46	ng		95
69)	Atrazine	11.027	200	72839	8.54	ng		98
70)	Pentachlorophenol	11.139	266	50553	9.59	ng		98
71)	Phenanthrene	11.357	178	376970	8.33	ng		100
72)	Anthracene	11.410	178	382591	8.51	ng		98
73)	Carbazole	11.563	167	359624	7.91	ng		99
74)	Di-n-butylphthalate	11.898	149	429733	8.42	ng		99
75)	Fluoranthene	12.545	202	397869	8.06	ng		99
77)	Benzidine	12.668	184	206532	11.93	ng		99
78)	Pyrene	12.774	202	398366	7.68	ng		98
80)	Butylbenzylphthalate	13.398	149	160555	7.24	ng		96
81)	Benzo(a)anthracene	13.963	228	317317	7.83	ng		97
82)	3,3'-Dichlorobenzidine	13.927	252	108869	8.75	ng		95
83)	Chrysene	14.004	228	309597	7.60	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.963	149	207839	7.55	ng		98
85)	Di-n-octyl phthalate	14.574	149	291894	6.63	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.868	276	211312	7.56	ng		99
88)	Benzo(b)fluoranthene	15.010	252	250859	7.76	ng		99
89)	Benzo(k)fluoranthene	15.033	252	252782	8.19	ng		99
90)	Benzo(a)pyrene	15.368	252	225027	8.14	ng		95
91)	Dibenzo(a,h)anthracene	16.886	278	173588	7.36	ng		97
92)	Benzo(g,h,i)perylene	17.298	276	171957	7.28	ng		97

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

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