Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032621\
Data File : BP005057.D
Acq On : 26 Mar 2021 11:57
Operator : CG/JU
Sample : M1458-09
Misc : MDL-W--4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 5:21:19 PM

Quant Time: Mar 26 12:29:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 11:57:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	33972	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	127532	20.00	ng	#	0.00
39) Acenaphthene-d10	14.375	164	90876	20.00	ng		0.00
64) Phenanthrene-d10	17.140	188	208512	20.00	ng		0.00
76) Chrysene-d12	21.233	240	242286	20.00	ng	#	0.00
86) Perylene-d12	23.522	264	238654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	180577	81.80	ng		0.00
7) Phenol-d6	6.899	99	251005	79.38	ng		0.00
23) Nitrobenzene-d5	8.881	82	177423	59.69	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	131567	111.12	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	425814	63.38	ng		0.00
79) Terphenyl-d14	19.710	244	857873	64.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	4143	4.31	ng		93
3) Pyridine	3.699	79	7132m	2.98	ng		
4) n-Nitrosodimethylamine	3.581	42	2439	2.85	ng	#	88
6) Aniline	7.058	93	13989	3.90	ng	#	87
8) 2-Chlorophenol	7.287	128	9150	3.93	ng		84
9) Benzaldehyde	6.875	77	9298	5.77	ng	#	67
10) Phenol	6.922	94	11960	3.69	ng		79
11) bis(2-Chloroethyl)ether	7.158	93	9027	3.80	ng		100
12) 1,3-Dichlorobenzene	7.611	146	10182	3.94	ng	#	85
13) 1,4-Dichlorobenzene	7.758	146	10593	4.03	ng	#	93
14) 1,2-Dichlorobenzene	8.069	146	10538	4.18	ng		95
15) Benzyl Alcohol	7.969	79	7987	3.27	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.240	45	6600	3.79	ng		87
17) 2-Methylphenol	8.169	107	7885	3.81	ng	#	87
18) Hexachloroethane	8.799	117	3860	3.86	ng		86
19) n-Nitroso-di-n-propyla...	8.534	70	7477	3.65	ng	#	89
20) 3+4-Methylphenols	8.493	107	9719	3.44	ng		89
22) Acetophenone	8.546	105	14334	3.91	ng	#	91
24) Nitrobenzene	8.916	77	12196	3.89	ng	#	73
25) Isophorone	9.452	82	19398	3.54	ng	#	89
26) 2-Nitrophenol	9.634	139	4202	3.46	ng	#	57
27) 2,4-Dimethylphenol	9.693	122	7551	3.87	ng		86
28) bis(2-Chloroethoxy)met...	9.934	93	11649	4.20	ng	#	96
29) 2,4-Dichlorophenol	10.169	162	7753	3.55	ng		90
30) 1,2,4-Trichlorobenzene	10.375	180	10452	4.26	ng		98
31) Naphthalene	10.563	128	29348	4.07	ng		96
32) Benzoic acid	9.775	122	2595	1.79	ng		92
33) 4-Chloroaniline	10.687	127	11360	3.90	ng	#	83
34) Hexachlorobutadiene	10.846	225	7365	4.66	ng		92
35) Caprolactam	11.469	113	2165	3.02	ng		89
36) 4-Chloro-3-methylphenol	11.810	107	9743	3.69	ng		90
37) 2-Methylnaphthalene	12.187	142	21144	4.06	ng	#	91
38) 1-Methylnaphthalene	12.405	142	20213	4.15	ng		96
40) 1,2,4,5-Tetrachloroben...	12.552	216	12396	4.19	ng		98
41) Hexachlorocyclopentadiene	12.534	237	7011	4.36	ng		93
43) 2,4,6-Trichlorophenol	12.799	196	7126	3.48	ng	#	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	7652	3.45	ng	#	88
46) 1,1'-Biphenyl	13.204	154	29179	4.21	ng		92
47) 2-Chloronaphthalene	13.246	162	21378	3.79	ng		97
48) 2-Nitroaniline	13.457	65	5190	2.89	ng	#	68
49) Acenaphthylene	14.099	152	32242	3.67	ng		96
50) Dimethylphthalate	13.840	163	28862	4.12	ng	#	97
51) 2,6-Dinitrotoluene	13.957	165	5537	3.36	ng	#	53
52) Acenaphthene	14.440	154	21428	3.97	ng		99
53) 3-Nitroaniline	14.293	138	4668	3.07	ng	#	73
54) 2,4-Dinitrophenol	14.499	184	2334	2.34	ng	#	69
55) Dibenzofuran	14.775	168	35267	3.99	ng		97
56) 4-Nitrophenol	14.610	139	2874	2.31	ng	#	68
57) 2,4-Dinitrotoluene	14.746	165	7197	3.30	ng	#	61
58) Fluorene	15.434	166	28084	3.93	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.004	232	7993	3.91	ng	#	93
60) Diethylphthalate	15.210	149	26296	3.84	ng		96
61) 4-Chlorophenyl-phenyle...	15.428	204	15515	4.09	ng		96
62) 4-Nitroaniline	15.463	138	4500	2.88	ng	#	64
63) Azobenzene	15.722	77	24956	3.19	ng		89
65) 4,6-Dinitro-2-methylph...	15.516	198	4553	2.99	ng		99
66) n-Nitrosodiphenylamine	15.646	169	23438	3.50	ng		97
67) 4-Bromophenyl-phenylether	16.328	248	9716	4.02	ng		96
68) Hexachlorobenzene	16.434	284	11755	4.33	ng		98
69) Atrazine	16.604	200	7854	3.53	ng		92
70) Pentachlorophenol	16.787	266	6234	3.48	ng		94
71) Phenanthrene	17.181	178	45179	3.74	ng		99
72) Anthracene	17.269	178	44082	3.73	ng		96
73) Carbazole	17.545	167	38070	3.43	ng		99
74) Di-n-butylphthalate	18.104	149	39916	3.27	ng	#	98
75) Fluoranthene	19.157	202	55113	3.88	ng		99
77) Benzidine	19.345	184	13193	2.48	ng		95
78) Pyrene	19.510	202	58178	3.49	ng		97
80) Butylbenzylphthalate	20.386	149	16458	2.66	ng	#	73
81) Benzo(a)anthracene	21.216	228	60937	3.70	ng		97
82) 3,3'-Dichlorobenzidine	21.157	252	20866	3.77	ng	#	98
83) Chrysene	21.269	228	58323	3.61	ng		97
84) Bis(2-ethylhexyl)phtha...	21.145	149	26326	2.91	ng	#	94
85) Di-n-octyl phthalate	22.033	149	42666	2.79	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.863	276	72648	4.06	ng	#	95
88) Benzo(b)fluoranthene	22.822	252	65754	3.88	ng		98
89) Benzo(k)fluoranthene	22.875	252	60993m	3.76	ng		
90) Benzo(a)pyrene	23.422	252	56384	3.71	ng		98
91) Dibenzo(a,h)anthracene	25.880	278	61129	3.95	ng		97
92) Benzo(g,h,i)perylene	26.586	276	60457	4.05	ng	#	94

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

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