Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004820.D
Acq On : 19 Feb 2021 13:59
Operator : CG/JU
Sample : M1446-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
R-LA-3-5-WCMSD

Manual Integrations APPROVED
mohammad
2/22/2021 2:11:58 PM

Quant Time: Feb 19 14:31:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.764	152	44790	20.00	ng		0.00
21) Naphthalene-d8	10.557	136	167515	20.00	ng	#	0.00
39) Acenaphthene-d10	14.410	164	101109	20.00	ng		0.00
64) Phenanthrene-d10	17.163	188	213894	20.00	ng		0.00
76) Chrysene-d12	21.251	240	237328	20.00	ng		0.00
86) Perylene-d12	23.557	264	248739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	266478	91.86	ng		0.00
7) Phenol-d6	6.946	99	331011	82.98	ng		0.00
23) Nitrobenzene-d5	8.922	82	211908	55.12	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	123786	92.15	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	460096	55.62	ng		0.00
79) Terphenyl-d14	19.728	244	681767	48.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	44728	36.03	ng	#	91
3) Pyridine	3.675	79	123094	39.16	ng	#	93
4) n-Nitrosodimethylamine	3.587	42	60542	46.29	ng	#	64
6) Aniline	7.093	93	155594	34.97	ng	#	89
8) 2-Chlorophenol	7.328	128	144235	47.59	ng		88
9) Benzaldehyde	6.905	77	49501	29.54	ng	#	82
10) Phenol	6.969	94	178952	46.34	ng		81
11) bis(2-Chloroethyl)ether	7.193	93	129400	43.82	ng		94
12) 1,3-Dichlorobenzene	7.652	146	162080	43.95	ng	#	91
13) 1,4-Dichlorobenzene	7.799	146	168042	44.85	ng		96
14) 1,2-Dichlorobenzene	8.111	146	154787	43.08	ng	#	95
15) Benzyl Alcohol	8.005	79	133807	44.67	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.287	45	106356	44.53	ng		98
17) 2-Methylphenol	8.216	107	121096	46.41	ng	#	90
18) Hexachloroethane	8.834	117	63847	45.48	ng		89
19) n-Nitroso-di-n-propyla...	8.569	70	101081	41.93	ng	#	89
20) 3+4-Methylphenols	8.540	107	161397	46.60	ng		92
22) Acetophenone	8.587	105	214638	44.08	ng	#	90
24) Nitrobenzene	8.963	77	159054	41.85	ng	#	82
25) Isophorone	9.487	82	273647	44.54	ng		94
26) 2-Nitrophenol	9.669	139	78713	52.28	ng	#	73
27) 2,4-Dimethylphenol	9.740	122	125124	53.44	ng		88
28) bis(2-Chloroethoxy)met...	9.969	93	162221	40.98	ng		99
29) 2,4-Dichlorophenol	10.210	162	133993	47.37	ng		95
30) 1,2,4-Trichlorobenzene	10.416	180	152846	43.74	ng		99
31) Naphthalene	10.605	128	429194	43.90	ng		99
32) Benzoic acid	9.887	122	86362	44.19	ng	#	76
33) 4-Chloroaniline	10.722	127	75412	18.80	ng	#	91
34) Hexachlorobutadiene	10.887	225	108577	46.26	ng		98
35) Caprolactam	11.510	113	42033	47.02	ng	#	76
36) 4-Chloro-3-methylphenol	11.857	107	147397	43.88	ng		87
37) 2-Methylnaphthalene	12.222	142	307531	44.22	ng	#	94
38) 1-Methylnaphthalene	12.446	142	284486m	43.22	ng		
40) 1,2,4,5-Tetrachloroben...	12.593	216	166317	45.78	ng	#	98
41) Hexachlorocyclopentadiene	12.569	237	239908	116.12	ng		98
43) 2,4,6-Trichlorophenol	12.840	196	109231	47.73	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	116336	48.37	ng	#	93
46) 1,1'-Biphenyl	13.240	154	380424	44.95	ng		99
47) 2-Chloronaphthalene	13.281	162	298726	43.06	ng		96
48) 2-Nitroaniline	13.493	65	89875	43.89	ng	#	64
49) Acenaphthylene	14.134	152	461371	45.02	ng		99
50) Dimethylphthalate	13.875	163	387547	43.57	ng		98
51) 2,6-Dinitrotoluene	13.993	165	84315	47.05	ng	#	67
52) Acenaphthene	14.475	154	281506	43.32	ng		98
53) 3-Nitroaniline	14.322	138	51173	27.45	ng	#	69
54) 2,4-Dinitrophenol	14.528	184	110626	107.16	ng	#	81
55) Dibenzofuran	14.810	168	446788	43.72	ng		95
56) 4-Nitrophenol	14.651	139	145995	99.84	ng	#	58
57) 2,4-Dinitrotoluene	14.781	165	115590	47.07	ng	#	71
58) Fluorene	15.463	166	369180	43.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	106924	46.73	ng		98
60) Diethylphthalate	15.240	149	376136	42.20	ng		98
61) 4-Chlorophenyl-phenyle...	15.457	204	195745	42.00	ng		97
62) 4-Nitroaniline	15.493	138	86425	42.45	ng	#	67
63) Azobenzene	15.751	77	347765	41.53	ng		86
65) 4,6-Dinitro-2-methylph...	15.545	198	75325	57.64	ng		90
66) n-Nitrosodiphenylamine	15.675	169	320362	46.06	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	121529	44.13	ng		95
68) Hexachlorobenzene	16.469	284	130839	43.61	ng		96
69) Atrazine	16.634	200	100444	44.02	ng		96
70) Pentachlorophenol	16.816	266	178598	106.36	ng		98
71) Phenanthrene	17.210	178	572448	43.71	ng		99
72) Anthracene	17.298	178	588563	46.74	ng		99
73) Carbazole	17.575	167	533202	46.15	ng		100
74) Di-n-butylphthalate	18.128	149	648456	45.74	ng	#	98
75) Fluoranthene	19.181	202	709128	45.45	ng		98
77) Benzidine	19.363	184	277708	59.90	ng		99
78) Pyrene	19.533	202	718645	42.94	ng		98
80) Butylbenzylphthalate	20.404	149	305912	46.51	ng	#	81
81) Benzo(a)anthracene	21.239	228	737291	43.80	ng		99
82) 3,3'-Dichlorobenzidine	21.175	252	232711	43.62	ng		99
83) Chrysene	21.292	228	721673	44.27	ng		98
84) Bis(2-ethylhexyl)phtha...	21.163	149	455124	45.84	ng		99
85) Di-n-octyl phthalate	22.057	149	795848	49.43	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.933	276	932697	46.96	ng		96
88) Benzo(b)fluoranthene	22.863	252	789134m	43.32	ng		
89) Benzo(k)fluoranthene	22.904	252	784247	44.84	ng		98
90) Benzo(a)pyrene	23.457	252	724905	44.03	ng		98
91) Dibenzo(a,h)anthracene	25.945	278	786613	47.48	ng		97
92) Benzo(g,h,i)perylene	26.657	276	765274	48.14	ng	#	95

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

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