Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012021\
Data File : BM028460.D
Acq On : 20 Jan 2021 09:55
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 12:32:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 12:29:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.033	152	21031	20.00	ng		0.00
21) Naphthalene-d8	10.851	136	80057	20.00	ng	#	0.00
39) Acenaphthene-d10	14.674	164	42862	20.00	ng		0.00
64) Phenanthrene-d10	17.398	188	84829	20.00	ng		0.00
76) Chrysene-d12	21.527	240	85444	20.00	ng	#	0.00
86) Perylene-d12	23.815	264	89195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	13252	10.38	ng		0.00
7) Phenol-d6	7.181	99	17416	9.56	ng		0.00
23) Nitrobenzene-d5	9.204	82	15714	9.74	ng		0.00
42) 2,4,6-Tribromophenol	16.151	330	4566	8.03	ng		0.00
45) 2-Fluorobiphenyl	13.298	172	33439	10.14	ng		0.00
79) Terphenyl-d14	19.986	244	45057	9.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	2868	5.49	ng	#	72
3) Pyridine	3.781	79	6915	4.62	ng	#	35
4) n-Nitrosodimethylamine	3.681	42	4087	5.11	ng	#	48
6) Aniline	7.345	93	9154	4.47	ng		97
8) 2-Chlorophenol	7.586	128	7265	4.95	ng		98
9) Benzaldehyde	7.163	77	5294	5.20	ng	#	77
10) Phenol	7.210	94	8189	4.73	ng		86
11) bis(2-Chloroethyl)ether	7.445	93	6834	4.73	ng		88
12) 1,3-Dichlorobenzene	7.916	146	8814m	5.11	ng		
13) 1,4-Dichlorobenzene	8.069	146	8869	5.07	ng		97
14) 1,2-Dichlorobenzene	8.386	146	8385	4.98	ng		93
15) Benzyl Alcohol	8.275	79	5893	4.56	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.563	45	12239	4.69	ng		69
17) 2-Methylphenol	8.475	107	5474	4.52	ng	#	88
18) Hexachloroethane	9.122	117	3174	4.88	ng		86
19) n-Nitroso-di-n-propyla...	8.845	70	4709	4.10	ng	#	62
20) 3+4-Methylphenols	8.804	107	7241	4.43	ng		90
22) Acetophenone	8.869	105	9768	4.75	ng	#	88
24) Nitrobenzene	9.245	77	7782	4.94	ng		94
25) Isophorone	9.774	82	11144	4.19	ng		95
26) 2-Nitrophenol	9.963	139	2973	4.31	ng	#	91
27) 2,4-Dimethylphenol	10.016	122	4863	4.45	ng		91
28) bis(2-Chloroethoxy)met...	10.251	93	8648	4.53	ng		95
29) 2,4-Dichlorophenol	10.492	162	5719	4.50	ng		99
30) 1,2,4-Trichlorobenzene	10.710	180	7541	5.06	ng		97
31) Naphthalene	10.898	128	21689	4.81	ng		96
33) 4-Chloroaniline	11.004	127	8434	4.38	ng		94
34) Hexachlorobutadiene	11.174	225	4542	5.13	ng		99
36) 4-Chloro-3-methylphenol	12.121	107	5692	4.18	ng		97
37) 2-Methylnaphthalene	12.504	142	14625	4.58	ng		95
38) 1-Methylnaphthalene	12.721	142	13754	4.53	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.868	216	6842	5.03	ng		96
43) 2,4,6-Trichlorophenol	13.110	196	4220	4.62	ng		96
44) 2,4,5-Trichlorophenol	13.180	196	4242	4.43	ng		88
46) 1,1'-Biphenyl	13.510	154	17821	4.98	ng		99
47) 2-Chloronaphthalene	13.557	162	14601	5.04	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	13.757	65	3737	4.24	ng		96
49) Acenaphthylene	14.398	152	19947	4.59	ng		99
50) Dimethylphthalate	14.121	163	16517	4.64	ng		99
51) 2,6-Dinitrotoluene	14.251	165	3166	4.26	ng	#	89
52) Acenaphthene	14.739	154	12791	4.32	ng		94
53) 3-Nitroaniline	14.574	138	3289	3.91	ng		91
55) Dibenzofuran	15.068	168	20196	4.79	ng		98
56) 4-Nitrophenol	14.874	139	2536	3.81	ng	#	76
57) 2,4-Dinitrotoluene	15.033	165	3660	3.72	ng	#	98
58) Fluorene	15.715	166	16122	4.67	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.292	232	3676	4.18	ng	#	90
60) Diethylphthalate	15.480	149	16219	4.43	ng		98
61) 4-Chlorophenyl-phenyle...	15.704	204	8280	4.80	ng		94
62) 4-Nitroaniline	15.727	138	3423	3.75	ng		86
63) Azobenzene	15.998	77	14054	4.16	ng		89
66) n-Nitrosodiphenylamine	15.915	169	12805	4.54	ng		99
67) 4-Bromophenyl-phenylether	16.592	248	4483	4.42	ng		94
68) Hexachlorobenzene	16.709	284	5500	4.74	ng		95
69) Atrazine	16.856	200	4029	4.42	ng		98
70) Pentachlorophenol	17.050	266	2364	3.64	ng		99
71) Phenanthrene	17.445	178	24932	4.84	ng		99
72) Anthracene	17.533	178	22529	4.52	ng		98
73) Carbazole	17.797	167	21704	4.62	ng		99
74) Di-n-butylphthalate	18.345	149	23738	4.04	ng		99
75) Fluoranthene	19.433	202	27043	4.69	ng		95
77) Benzidine	19.615	184	13067	6.06	ng		97
78) Pyrene	19.791	202	27807	4.49	ng		99
80) Butylbenzylphthalate	20.668	149	11096	4.12	ng		92
81) Benzo(a)anthracene	21.509	228	28484	4.89	ng		99
82) 3,3'-Dichlorobenzidine	21.444	252	9002	4.79	ng	#	98
83) Chrysene	21.562	228	27474	4.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	16226	4.21	ng		94
85) Di-n-octyl phthalate	22.315	149	28425	4.55	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.144	276	31672	5.34	ng	#	89
88) Benzo(b)fluoranthene	23.121	252	29159	4.80	ng	#	96
89) Benzo(k)fluoranthene	23.168	252	28195	4.77	ng	#	95
90) Benzo(a)pyrene	23.715	252	26043	4.78	ng	#	92
91) Dibenzo(a,h)anthracene	26.156	278	26068	5.27	ng	#	93
92) Benzo(g,h,i)perylene	26.862	276	25639	5.42	ng	#	88

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

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