Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
Data File : BM031746.D
Acq On : 16 Aug 2021 11:52
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
8/17/2021 1:21:48 PM

Quant Time: Aug 16 16:36:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 16:26:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152	35950	20.000	ng		0.00
21) Naphthalene-d8	10.316	136	158865	20.000	ng	#	0.00
39) Acenaphthene-d10	14.186	164	108112	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	240661	20.000	ng		0.00
76) Chrysene-d12	21.139	240	248784	20.000	ng		0.00
86) Perylene-d12	23.291	264	256706	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	22654	10.114	ng		0.00
7) Phenol-d6	6.745	99	31759	9.785	ng		0.00
23) Nitrobenzene-d5	8.704	82	37450	9.870	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	11848	8.898	ng		0.00
45) 2-Fluorobiphenyl	12.798	172	80420	9.901	ng		0.00
79) Terphenyl-d14	19.586	244	138625	9.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	5552	5.929	ng	#	90
3) Pyridine	3.587	79	12983m	5.027	ng		
4) n-Nitrosodimethylamine	3.504	42	7518	4.978	ng	#	74
6) Aniline	6.898	93	17739	4.999	ng		99
8) 2-Chlorophenol	7.122	128	13551	5.167	ng		92
9) Benzaldehyde	6.722	77	12353	5.615	ng		95
10) Phenol	6.769	94	15840	4.913	ng		86
11) bis(2-Chloroethyl)ether	6.998	93	12729	5.255	ng		94
12) 1,3-Dichlorobenzene	7.439	146	14693m	5.237	ng		
13) 1,4-Dichlorobenzene	7.592	146	15420	5.335	ng		91
14) 1,2-Dichlorobenzene	7.892	146	15270	5.378	ng		93
15) Benzyl Alcohol	7.804	79	13238	4.736	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.086	45	18652	5.389	ng		99
17) 2-Methylphenol	7.998	107	10857	4.762	ng		91
18) Hexachloroethane	8.604	117	6266	5.229	ng	#	87
19) n-Nitroso-di-n-propyla...	8.357	70	12730	4.967	ng		96
20) 3+4-Methylphenols	8.328	107	15702	4.899	ng		94
22) Acetophenone	8.375	105	22275	4.938	ng	#	88
24) Nitrobenzene	8.745	77	19703	5.074	ng	#	93
25) Isophorone	9.269	82	33908	4.983	ng		97
26) 2-Nitrophenol	9.445	139	7050	4.612	ng	#	86
27) 2,4-Dimethylphenol	9.516	122	11370	4.864	ng		91
28) bis(2-Chloroethoxy)met...	9.751	93	15801	4.826	ng		99
29) 2,4-Dichlorophenol	9.975	162	12146	4.574	ng		89
30) 1,2,4-Trichlorobenzene	10.180	180	14173	4.998	ng		93
31) Naphthalene	10.363	128	44661	4.910	ng		99
32) Benzoic acid	9.598	122	8886	4.246	ng		99
33) 4-Chloroaniline	10.492	127	17722	4.688	ng	#	94
34) Hexachlorobutadiene	10.639	225	9355	5.167	ng		94
35) Caprolactam	11.286	113	3641	3.949	ng	#	90
36) 4-Chloro-3-methylphenol	11.616	107	14779	4.488	ng		93
37) 2-Methylnaphthalene	11.980	142	33199	4.878	ng	#	91
38) 1-Methylnaphthalene	12.204	142	31572	4.857	ng		94
40) 1,2,4,5-Tetrachloroben...	12.357	216	15354	5.000	ng	#	96
41) Hexachlorocyclopentadiene	12.327	237	6343	4.129	ng		87
43) 2,4,6-Trichlorophenol	12.610	196	10172	4.494	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.680	196	11390	4.604	ng	#	90
46) 1,1'-Biphenyl	13.016	154	42960	5.049	ng		98
47) 2-Chloronaphthalene	13.051	162	33442	5.007	ng	#	92
48) 2-Nitroaniline	13.274	65	11465	4.625	ng		85
49) Acenaphthylene	13.910	152	52180	4.772	ng		99
50) Dimethylphthalate	13.663	163	45989	5.105	ng		98
51) 2,6-Dinitrotoluene	13.780	165	9233	4.615	ng	#	64
52) Acenaphthene	14.251	154	32501	4.879	ng		97
53) 3-Nitroaniline	14.116	138	9091	4.426	ng		88
55) Dibenzofuran	14.592	168	54248	4.873	ng	#	89
56) 4-Nitrophenol	14.439	139	7210	4.115	ng		89
57) 2,4-Dinitrotoluene	14.580	165	12504	4.340	ng	#	52
58) Fluorene	15.245	166	43525	4.710	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.827	232	10740	4.788	ng	#	84
60) Diethylphthalate	15.033	149	48286	4.876	ng		97
61) 4-Chlorophenyl-phenyle...	15.245	204	21560	4.833	ng	#	85
62) 4-Nitroaniline	15.286	138	8673	4.109	ng	#	76
63) Azobenzene	15.539	77	52163	4.759	ng		92
65) 4,6-Dinitro-2-methylph...	15.345	198	6464	3.929	ng	#	68
66) n-Nitrosodiphenylamine	15.463	169	38006	4.803	ng		99
67) 4-Bromophenyl-phenylether	16.145	248	12088	4.719	ng	#	89
68) Hexachlorobenzene	16.245	284	14212	5.072	ng	#	82
69) Atrazine	16.427	200	13644	4.846	ng		90
70) Pentachlorophenol	16.598	266	7917	4.206	ng		94
71) Phenanthrene	16.986	178	71405	4.865	ng		99
72) Anthracene	17.074	178	68310	4.747	ng		98
73) Carbazole	17.356	167	67663	4.694	ng		97
74) Di-n-butylphthalate	17.927	149	82201	4.578	ng	#	98
75) Fluoranthene	19.009	202	82985	4.720	ng		99
77) Benzidine	19.209	184	36330	4.914	ng	#	97
78) Pyrene	19.374	202	87410	4.850	ng		99
80) Butylbenzylphthalate	20.292	149	38590	4.467	ng		87
81) Benzo(a)anthracene	21.127	228	89499	4.911	ng		99
82) 3,3'-Dichlorobenzidine	21.068	252	25994	4.616	ng	#	96
83) Chrysene	21.174	228	87511	4.927	ng		98
84) Bis(2-ethylhexyl)phtha...	21.074	149	57687	4.322	ng	#	95
85) Di-n-octyl phthalate	21.933	149	101809	4.616	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.415	276	90725	5.015	ng		98
88) Benzo(b)fluoranthene	22.650	252	90340	4.687	ng		95
89) Benzo(k)fluoranthene	22.697	252	88248	4.744	ng		98
90) Benzo(a)pyrene	23.197	252	79582	4.664	ng	#	97
91) Dibenzo(a,h)anthracene	25.427	278	79522	4.998	ng	#	97
92) Benzo(g,h,i)perylene	26.062	276	74973	5.175	ng	#	96

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

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