Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
Data File : BM032839.D
Acq On : 01 Nov 2021 18:27
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM110121

Quant Time: Nov 01 18:58:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 18:47:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152	163837	20.000	ng		0.00
21) Naphthalene-d8	10.277	136	704129	20.000	ng	#	0.00
39) Acenaphthene-d10	14.160	164	457065	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	906948	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	669115	20.000	ng	#	0.00
86) Perylene-d12	23.188	264	588125	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	693279	77.485	ng		0.00
7) Phenol-d6	6.701	99	1109600	78.987	ng		0.00
23) Nitrobenzene-d5	8.654	82	1099221	80.241	ng		0.00
42) 2,4,6-Tribromophenol	15.654	330	396030	80.062	ng		0.00
45) 2-Fluorobiphenyl	12.771	172	2344807	78.344	ng		0.00
79) Terphenyl-d14	19.524	244	2821667	87.089	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	91971	39.494	ng		95
3) Pyridine	3.325	79	298906	35.434	ng		91
4) n-Nitrosodimethylamine	3.243	42	132227	36.407	ng	#	73
6) Aniline	6.831	93	620664	39.334	ng		93
8) 2-Chlorophenol	7.072	128	426742	39.289	ng		95
9) Benzaldehyde	6.631	77	305602	42.756	ng		91
10) Phenol	6.731	94	539976	39.868	ng		86
11) bis(2-Chloroethyl)ether	6.925	93	420285	38.677	ng		98
12) 1,3-Dichlorobenzene	7.389	146	465741	38.708	ng	#	93
13) 1,4-Dichlorobenzene	7.531	146	480136	39.012	ng		98
14) 1,2-Dichlorobenzene	7.848	146	475609	38.821	ng		97
15) Benzyl Alcohol	7.748	79	412337	40.780	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.036	45	634786	38.509	ng		97
17) 2-Methylphenol	7.966	107	376430	39.649	ng	#	93
18) Hexachloroethane	8.572	117	182695	38.792	ng		94
19) n-Nitroso-di-n-propyla...	8.313	70	352684	39.625	ng		90
20) 3+4-Methylphenols	8.295	107	518994	40.126	ng		97
22) Acetophenone	8.319	105	693971	39.321	ng	#	91
24) Nitrobenzene	8.695	77	521732	39.997	ng		91
25) Isophorone	9.213	82	951915	40.311	ng		97
26) 2-Nitrophenol	9.401	139	248987	41.779	ng	#	79
27) 2,4-Dimethylphenol	9.483	122	379069	40.619	ng		95
28) bis(2-Chloroethoxy)met...	9.701	93	612717	39.998	ng		99
29) 2,4-Dichlorophenol	9.942	162	435546	41.258	ng		96
30) 1,2,4-Trichlorobenzene	10.148	180	470861	39.392	ng		99
31) Naphthalene	10.330	128	1437703	39.253	ng		100
32) Benzoic acid	9.683	122	324916	41.662	ng		87
33) 4-Chloroaniline	10.442	127	606986	40.366	ng		96
34) Hexachlorobutadiene	10.630	225	289270	39.440	ng		99
35) Caprolactam	11.236	113	148225	41.253	ng		89
36) 4-Chloro-3-methylphenol	11.595	107	491337	40.703	ng		98
37) 2-Methylnaphthalene	11.948	142	1006564	39.927	ng		95
38) 1-Methylnaphthalene	12.171	142	980073	39.516	ng		98
40) 1,2,4,5-Tetrachloroben...	12.336	216	509891	39.819	ng	#	97
41) Hexachlorocyclopentadiene	12.324	237	307532	42.684	ng		97
43) 2,4,6-Trichlorophenol	12.583	196	368365	41.753	ng		96

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44) 2,4,5-Trichlorophenol	12.660	196	396349	41.407	ng	#	91
46) 1,1'-Biphenyl	12.983	154	1330063	39.815	ng		100
47) 2-Chloronaphthalene	13.018	162	1021424	39.874	ng		99
48) 2-Nitroaniline	13.230	65	333790	42.031	ng		89
49) Acenaphthylene	13.877	152	1654942	40.292	ng		99
50) Dimethylphthalate	13.624	163	1296651	39.778	ng		99
51) 2,6-Dinitrotoluene	13.736	165	274997	40.661	ng	#	69
52) Acenaphthene	14.224	154	969809	39.545	ng		98
53) 3-Nitroaniline	14.065	138	307311	41.293	ng		90
54) 2,4-Dinitrophenol	14.271	184	173475	40.546	ng	#	70
55) Dibenzofuran	14.560	168	1608570	39.381	ng		93
56) 4-Nitrophenol	14.401	139	249125	41.632	ng	#	72
57) 2,4-Dinitrotoluene	14.530	165	377393	41.397	ng	#	62
58) Fluorene	15.207	166	1193578	39.175	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.795	232	344961	40.449	ng	#	85
60) Diethylphthalate	14.995	149	1297607	39.868	ng		96
61) 4-Chlorophenyl-phenyle...	15.201	204	602796	37.634	ng		95
62) 4-Nitroaniline	15.236	138	316715	41.425	ng	#	74
63) Azobenzene	15.495	77	1330177	40.284	ng		89
65) 4,6-Dinitro-2-methylph...	15.301	198	240803	44.043	ng	#	77
66) n-Nitrosodiphenylamine	15.424	169	1090107	40.938	ng		98
67) 4-Bromophenyl-phenylether	16.095	248	382707	41.196	ng		92
68) Hexachlorobenzene	16.224	284	411443	40.174	ng	#	86
69) Atrazine	16.371	200	359197	41.168	ng		96
70) Pentachlorophenol	16.565	266	272050	42.706	ng		99
71) Phenanthrene	16.936	178	1887716	39.093	ng		100
72) Anthracene	17.024	178	1901899	40.067	ng		100
73) Carbazole	17.301	167	1830246	38.991	ng		98
74) Di-n-butylphthalate	17.859	149	2068877	40.868	ng	#	98
75) Fluoranthene	18.953	202	2026619	37.132	ng		97
77) Benzidine	19.136	184	671217	41.219	ng		99
78) Pyrene	19.318	202	2082329	45.468	ng		99
80) Butylbenzylphthalate	20.218	149	787661	43.913	ng		92
81) Benzo(a)anthracene	21.065	228	1703550	39.745	ng		99
82) 3,3'-Dichlorobenzidine	21.000	252	509496	39.520	ng		100
83) Chrysene	21.118	228	1632598	39.125	ng		99
84) Bis(2-ethylhexyl)phtha...	20.994	149	990147	41.629	ng		96
85) Di-n-octyl phthalate	21.836	149	1564639	37.932	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.282	276	1514177	41.148	ng		96
88) Benzo(b)fluoranthene	22.565	252	1429578	40.508	ng		98
89) Benzo(k)fluoranthene	22.612	252	1427036	39.569	ng		98
90) Benzo(a)pyrene	23.100	252	1192775	40.236	ng		98
91) Dibenzo(a,h)anthracene	25.282	278	1253346	40.909	ng	#	95
92) Benzo(g,h,i)perylene	25.918	276	1281786	41.967	ng	#	96

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

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