Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032872.D
Acq On : 04 Nov 2021 13:24
Operator : CG/JU
Sample : M4470-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 04 14:30:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.489	152	125409	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	469712	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	269497	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	497697	20.000	ng	#	0.00
76) Chrysene-d12	21.071	240	418296	20.000	ng		0.00
86) Perylene-d12	23.177	264	446597	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	951825	132.319	ng		0.00
7) Phenol-d6	6.701	99	1111213	103.732	ng		0.00
23) Nitrobenzene-d5	8.642	82	823186	95.921	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	382587	126.760	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1695092	97.555	ng		0.00
79) Terphenyl-d14	19.518	244	1869517	97.578	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.937	88	129795	47.651	ng	#	22
3) Pyridine	3.337	79	241914	28.705	ng		90
4) n-Nitrosodimethylamine	3.243	42	170431	47.654	ng	#	69
6) Aniline	6.825	93	210070	17.563	ng		92
8) 2-Chlorophenol	7.066	128	395623	47.202	ng		93
9) Benzaldehyde	6.625	77	228936	37.866	ng		85
10) Phenol	6.725	94	428436	41.670	ng		85
11) bis(2-Chloroethyl)ether	6.919	93	382477	47.115	ng		95
12) 1,3-Dichlorobenzene	7.378	146	436273	47.110	ng	#	92
13) 1,4-Dichlorobenzene	7.525	146	446388	47.051	ng		98
14) 1,2-Dichlorobenzene	7.842	146	430564	46.119	ng		97
15) Benzyl Alcohol	7.742	79	351940	46.155	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.019	45	511055	43.797	ng		97
17) 2-Methylphenol	7.960	107	318485	44.096	ng	#	90
18) Hexachloroethane	8.566	117	163313	48.682	ng		91
19) n-Nitroso-di-n-propyla...	8.301	70	281386	42.902	ng		86
20) 3+4-Methylphenols	8.289	107	409547	41.429	ng		94
22) Acetophenone	8.313	105	562345	49.012	ng	#	90
24) Nitrobenzene	8.683	77	430136	52.311	ng		91
25) Isophorone	9.207	82	736490	48.566	ng		96
26) 2-Nitrophenol	9.395	139	212368	55.324	ng	#	77
27) 2,4-Dimethylphenol	9.477	122	349887	55.395	ng		95
28) bis(2-Chloroethoxy)met...	9.689	93	468741	46.262	ng		99
29) 2,4-Dichlorophenol	9.936	162	356555	49.223	ng		95
30) 1,2,4-Trichlorobenzene	10.142	180	398074	49.447	ng		99
31) Naphthalene	10.319	128	1194558	48.995	ng		99
32) Benzoic acid	9.654	122	231881	45.397	ng	#	83
33) 4-Chloroaniline	10.436	127	84524	8.302	ng		95
34) Hexachlorobutadiene	10.624	225	242179	49.485	ng		97
35) Caprolactam	11.207	113	86818	35.742	ng	#	85
36) 4-Chloro-3-methylphenol	11.589	107	368817	44.509	ng		98
37) 2-Methylnaphthalene	11.942	142	831904m	48.548	ng		
38) 1-Methylnaphthalene	12.166	142	763959	45.077	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.330	216	394333	52.928	ng		97
41) Hexachlorocyclopentadiene	12.313	237	494713	126.439	ng		98
43) 2,4,6-Trichlorophenol	12.577	196	273420	52.443	ng		95

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44) 2,4,5-Trichlorophenol	12.654	196	292551	50.774	ng	#	91
46) 1,1'-Biphenyl	12.971	154	1000425	51.369	ng		100
47) 2-Chloronaphthalene	13.013	162	787419	52.664	ng		99
48) 2-Nitroaniline	13.224	65	233566	53.165	ng	#	80
49) Acenaphthylene	13.865	152	1230053	51.276	ng		99
50) Dimethylphthalate	13.613	163	926846	47.267	ng		100
51) 2,6-Dinitrotoluene	13.724	165	205154	51.187	ng	#	66
52) Acenaphthene	14.212	154	718734	50.297	ng		98
53) 3-Nitroaniline	14.060	138	88235	20.229	ng		83
54) 2,4-Dinitrophenol	14.265	184	214818	78.361	ng	#	65
55) Dibenzofuran	14.548	168	1147593	47.838	ng		93
56) 4-Nitrophenol	14.395	139	319417	89.869	ng	#	72
57) 2,4-Dinitrotoluene	14.518	165	274297	50.522	ng	#	62
58) Fluorene	15.201	166	862685	47.967	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	239989	46.463	ng	#	84
60) Diethylphthalate	14.983	149	914246	46.511	ng		97
61) 4-Chlorophenyl-phenyle...	15.195	204	428591	45.074	ng		94
62) 4-Nitroaniline	15.224	138	189089	41.240	ng	#	73
63) Azobenzene	15.489	77	891381	47.397	ng		87
65) 4,6-Dinitro-2-methylph...	15.289	198	141636	45.145	ng	#	74
66) n-Nitrosodiphenylamine	15.412	169	766524	52.537	ng		96
67) 4-Bromophenyl-phenylether	16.083	248	268641	52.522	ng		93
68) Hexachlorobenzene	16.212	284	293163	52.295	ng	#	87
69) Atrazine	16.365	200	266899	54.488	ng		96
70) Pentachlorophenol	16.554	266	370467	105.604	ng		99
71) Phenanthrene	16.930	178	1328737	50.350	ng		100
72) Anthracene	17.018	178	1363925	52.364	ng		100
73) Carbazole	17.289	167	1221860	47.073	ng		98
74) Di-n-butylphthalate	17.853	149	1477044	51.890	ng	#	97
75) Fluoranthene	18.947	202	1462819	48.314	ng		99
77) Benzidine	19.130	184	218562	19.066	ng		97
78) Pyrene	19.306	202	1498334	53.466	ng		99
80) Butylbenzylphthalate	20.212	149	628422	55.791	ng		88
81) Benzo(a)anthracene	21.053	228	1326948	49.723	ng		99
82) 3,3'-Dichlorobenzidine	20.994	252	316517	37.778	ng		100
83) Chrysene	21.106	228	1318713	50.298	ng		99
84) Bis(2-ethylhexyl)phtha...	20.989	149	870258	57.920	ng	#	94
85) Di-n-octyl phthalate	21.824	149	1505878	56.198	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.265	276	1622735	58.791	ng		96
88) Benzo(b)fluoranthene	22.559	252	1403003	51.598	ng		98
89) Benzo(k)fluoranthene	22.600	252	1344064	50.709	ng		99
90) Benzo(a)pyrene	23.088	252	1368467	60.912	ng		98
91) Dibenzo(a,h)anthracene	25.265	278	1387199	60.354	ng	#	95
92) Benzo(g,h,i)perylene	25.900	276	1418691	62.056	ng	#	96

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

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