Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032893.D
Acq On : 08 Nov 2021 14:04
Operator : CG/JU
Sample : M4499-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGEMSD

Quant Time: Nov 08 15:05:15 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	7.484	152	96087	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	438666	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	311903	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	673279	20.000	ng	#	-0.01
76) Chrysene-d12	21.071	240	651584	20.000	ng		0.00
86) Perylene-d12	23.177	264	691751	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	913716	165.784	ng		0.00
7) Phenol-d6	6.701	99	1179342	143.687	ng		0.00
23) Nitrobenzene-d5	8.642	82	812341	101.357	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	521358	149.253	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1926078	95.777	ng		0.00
79) Terphenyl-d14	19.518	244	2894488	96.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.925	88	98541	47.175	ng		88
3) Pyridine	3.337	79	202883	31.420	ng		91
4) n-Nitrosodimethylamine	3.237	42	145036	52.928	ng	#	69
6) Aniline	6.825	93	297876	32.504	ng		92
8) 2-Chlorophenol	7.060	128	380521	59.255	ng		95
9) Benzaldehyde	6.625	77	183238	39.557	ng		88
10) Phenol	6.725	94	445854	56.597	ng		86
11) bis(2-Chloroethyl)ether	6.919	93	337443	54.252	ng		92
12) 1,3-Dichlorobenzene	7.378	146	358891	50.580	ng	#	92
13) 1,4-Dichlorobenzene	7.519	146	371032	51.043	ng		98
14) 1,2-Dichlorobenzene	7.843	146	367830	51.422	ng		97
15) Benzyl Alcohol	7.743	79	368191	63.021	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.025	45	480882	53.787	ng		97
17) 2-Methylphenol	7.960	107	334838	60.507	ng	#	91
18) Hexachloroethane	8.560	117	135168	52.588	ng		92
19) n-Nitroso-di-n-propyla...	8.301	70	287701	57.250	ng	#	87
20) 3+4-Methylphenols	8.290	107	448759	59.249	ng		95
22) Acetophenone	8.313	105	559380	52.204	ng	#	90
24) Nitrobenzene	8.684	77	423634	55.167	ng	#	90
25) Isophorone	9.207	82	801751	56.611	ng		96
26) 2-Nitrophenol	9.395	139	212061	59.153	ng	#	77
27) 2,4-Dimethylphenol	9.478	122	393035	66.631	ng		96
28) bis(2-Chloroethoxy)met...	9.689	93	493735	52.178	ng		99
29) 2,4-Dichlorophenol	9.937	162	398553	58.915	ng		96
30) 1,2,4-Trichlorobenzene	10.142	180	375122	49.893	ng		99
31) Naphthalene	10.319	128	1188110	52.179	ng		100
32) Benzoic acid	9.619	122	56518	11.848	ng	#	83
33) 4-Chloroaniline	10.436	127	128202	13.484	ng		95
34) Hexachlorobutadiene	10.619	225	221359	48.432	ng		97
35) Caprolactam	11.219	113	119244	52.566	ng	#	84
36) 4-Chloro-3-methylphenol	11.595	107	462368	59.747	ng		98
37) 2-Methylnaphthalene	11.942	142	890323	55.635	ng		96
38) 1-Methylnaphthalene	12.166	142	832549	52.601	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.330	216	423149	49.074	ng		97
41) Hexachlorocyclopentadiene	12.313	237	467575	103.255	ng		97
43) 2,4,6-Trichlorophenol	12.578	196	329526	54.611	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	363029	54.440	ng	#	92
46) 1,1'-Biphenyl	12.972	154	1143456	50.731	ng		99
47) 2-Chloronaphthalene	13.013	162	896659	51.817	ng		99
48) 2-Nitroaniline	13.225	65	309286	60.829	ng	#	82
49) Acenaphthylene	13.866	152	1504578	54.192	ng		100
50) Dimethylphthalate	13.613	163	1223533	53.914	ng		100
51) 2,6-Dinitrotoluene	13.724	165	272146	58.670	ng	#	69
52) Acenaphthene	14.213	154	876770	53.014	ng		98
53) 3-Nitroaniline	14.060	138	156153	30.932	ng		87
54) 2,4-Dinitrophenol	14.266	184	125335	41.802	ng	#	68
55) Dibenzofuran	14.548	168	1442547	51.957	ng		95
56) 4-Nitrophenol	14.401	139	457057	111.111	ng	#	70
57) 2,4-Dinitrotoluene	14.519	165	382136	60.815	ng	#	64
58) Fluorene	15.201	166	1120297	53.822	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	322931	54.020	ng	#	85
60) Diethylphthalate	14.983	149	1246124	54.776	ng		97
61) 4-Chlorophenyl-phenyle...	15.195	204	548819	49.871	ng		94
62) 4-Nitroaniline	15.230	138	289003	54.461	ng	#	74
63) Azobenzene	15.489	77	1190243	54.684	ng		86
65) 4,6-Dinitro-2-methylph...	15.289	198	135573	31.944	ng	#	79
66) n-Nitrosodiphenylamine	15.413	169	1028682	52.118	ng		98
67) 4-Bromophenyl-phenylether	16.083	248	353343	51.067	ng		94
68) Hexachlorobenzene	16.213	284	394043	51.959	ng	#	88
69) Atrazine	16.365	200	384512	58.027	ng		95
70) Pentachlorophenol	16.554	266	502621	105.911	ng		99
71) Phenanthrene	16.930	178	1874752	52.514	ng		100
72) Anthracene	17.018	178	1916410	54.387	ng		99
73) Carbazole	17.289	167	1803395	51.359	ng		98
74) Di-n-butylphthalate	17.854	149	2136237	55.477	ng	#	98
75) Fluoranthene	18.942	202	2171408	53.015	ng		97
77) Benzidine	19.130	184	540321	30.259	ng		98
78) Pyrene	19.306	202	2261036	51.795	ng		99
80) Butylbenzylphthalate	20.212	149	996919	56.818	ng		90
81) Benzo(a)anthracene	21.053	228	2130218	51.243	ng		99
82) 3,3'-Dichlorobenzidine	20.989	252	438686	33.613	ng		99
83) Chrysene	21.106	228	2109044	51.641	ng		100
84) Bis(2-ethylhexyl)phtha...	20.983	149	1375645	58.776	ng		96
85) Di-n-octyl phthalate	21.824	149	2552358	61.148	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.271	276	2371079	55.459	ng		97
88) Benzo(b)fluoranthene	22.559	252	2259037	53.637	ng		99
89) Benzo(k)fluoranthene	22.600	252	2194824	53.460	ng		98
90) Benzo(a)pyrene	23.094	252	2182357	62.713	ng		99
91) Dibenzo(a,h)anthracene	25.271	278	2018498	56.697	ng		97
92) Benzo(g,h,i)perylene	25.906	276	2030266	57.335	ng	#	96

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

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