Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032896.D
Acq On : 08 Nov 2021 15:52
Operator : CG/JU
Sample : M4475-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB02BMS

Quant Time: Nov 08 17:25:17 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	87807	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	406849	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	289640	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	627908	20.000	ng	#	-0.01
76) Chrysene-d12	21.071	240	613894	20.000	ng		0.00
86) Perylene-d12	23.177	264	658324	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	691047	137.206	ng		0.00
7) Phenol-d6	6.696	99	946749	126.226	ng		0.00
23) Nitrobenzene-d5	8.643	82	576499	77.556	ng		0.00
42) 2,4,6-Tribromophenol	15.642	330	384350	118.488	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1374733	73.615	ng		0.00
79) Terphenyl-d14	19.512	244	2021452	71.891	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.908	88	85329	44.457	ng		89
3) Pyridine	3.313	79	219326	37.169	ng		89
4) n-Nitrosodimethylamine	3.231	42	117784	47.036	ng	#	67
6) Aniline	6.819	93	168181	20.083	ng		93
8) 2-Chlorophenol	7.060	128	322504	54.956	ng		95
9) Benzaldehyde	6.619	77	176166	41.616	ng		87
10) Phenol	6.719	94	421875	58.603	ng		86
11) bis(2-Chloroethyl)ether	6.913	93	280433	49.338	ng		96
12) 1,3-Dichlorobenzene	7.378	146	306937	47.337	ng	#	93
13) 1,4-Dichlorobenzene	7.519	146	316520	47.650	ng		97
14) 1,2-Dichlorobenzene	7.837	146	310787	47.545	ng		96
15) Benzyl Alcohol	7.737	79	302114	56.587	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.025	45	403949	49.443	ng		97
17) 2-Methylphenol	7.960	107	284330	56.225	ng	#	92
18) Hexachloroethane	8.560	117	114963	48.945	ng		92
19) n-Nitroso-di-n-propyla...	8.295	70	236680	51.539	ng		88
20) 3+4-Methylphenols	8.284	107	387073	55.923	ng		95
22) Acetophenone	8.307	105	464014	46.690	ng	#	91
24) Nitrobenzene	8.684	77	351164	49.306	ng	#	89
25) Isophorone	9.207	82	653619	49.761	ng		96
26) 2-Nitrophenol	9.395	139	179471	53.978	ng	#	77
27) 2,4-Dimethylphenol	9.478	122	306558	56.035	ng		95
28) bis(2-Chloroethoxy)met...	9.690	93	412718	47.027	ng		99
29) 2,4-Dichlorophenol	9.931	162	339464	54.105	ng		96
30) 1,2,4-Trichlorobenzene	10.142	180	323183	46.347	ng		98
31) Naphthalene	10.319	128	1008371	47.749	ng		100
32) Benzoic acid	9.654	122	199717	45.142	ng	#	83
33) 4-Chloroaniline	10.437	127	139201	15.785	ng		95
34) Hexachlorobutadiene	10.619	225	188196	44.396	ng		98
35) Caprolactam	11.225	113	116261	55.260	ng	#	82
36) 4-Chloro-3-methylphenol	11.589	107	388326	54.104	ng		97
37) 2-Methylnaphthalene	11.936	142	761044	51.275	ng		96
38) 1-Methylnaphthalene	12.166	142	711285	48.454	ng		99
40) 1,2,4,5-Tetrachloroben...	12.331	216	364257	45.491	ng		98
41) Hexachlorocyclopentadiene	12.313	237	417238	99.222	ng		98
43) 2,4,6-Trichlorophenol	12.578	196	281350	50.211	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.648	196	309230	49.937	ng	#	92
46) 1,1'-Biphenyl	12.972	154	979043	46.775	ng		99
47) 2-Chloronaphthalene	13.013	162	763754	47.529	ng		99
48) 2-Nitroaniline	13.225	65	257035	54.438	ng	#	83
49) Acenaphthylene	13.866	152	1276911	49.527	ng		100
50) Dimethylphthalate	13.613	163	1003832	47.633	ng		100
51) 2,6-Dinitrotoluene	13.725	165	223611	51.912	ng	#	68
52) Acenaphthene	14.213	154	746566	48.611	ng		97
53) 3-Nitroaniline	14.060	138	102149	21.790	ng		86
54) 2,4-Dinitrophenol	14.266	184	82530	30.989	ng	#	66
55) Dibenzofuran	14.548	168	1220345	47.333	ng		94
56) 4-Nitrophenol	14.401	139	397626	104.093	ng	#	71
57) 2,4-Dinitrotoluene	14.519	165	318588	54.599	ng	#	62
58) Fluorene	15.201	166	949918	49.145	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	270727	48.768	ng	#	85
60) Diethylphthalate	14.983	149	1031569	48.830	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	463335	45.339	ng		95
62) 4-Nitroaniline	15.230	138	229594	46.592	ng	#	72
63) Azobenzene	15.489	77	986365	48.800	ng		86
65) 4,6-Dinitro-2-methylph...	15.289	198	92587	23.392	ng	#	75
66) n-Nitrosodiphenylamine	15.413	169	867935	47.152	ng		98
67) 4-Bromophenyl-phenylether	16.083	248	298681	46.286	ng		94
68) Hexachlorobenzene	16.213	284	334747	47.330	ng	#	86
69) Atrazine	16.366	200	325733	52.709	ng		97
70) Pentachlorophenol	16.554	266	398813	90.109	ng		97
71) Phenanthrene	16.930	178	1569776	47.149	ng		99
72) Anthracene	17.018	178	1622488	49.373	ng		100
73) Carbazole	17.289	167	1506229	45.995	ng		98
74) Di-n-butylphthalate	17.854	149	1810844	50.425	ng	#	97
75) Fluoranthene	18.942	202	1868420	48.913	ng		96
77) Benzidine	19.130	184	497095	29.547	ng		99
78) Pyrene	19.307	202	1915410	46.572	ng		98
80) Butylbenzylphthalate	20.212	149	854086	51.666	ng		89
81) Benzo(a)anthracene	21.053	228	1817779	46.412	ng		100
82) 3,3'-Dichlorobenzidine	20.989	252	274543	22.327	ng		99
83) Chrysene	21.106	228	1825715	47.449	ng		100
84) Bis(2-ethylhexyl)phtha...	20.983	149	1203728	54.588	ng		95
85) Di-n-octyl phthalate	21.824	149	2212553	56.262	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.265	276	2037778	50.084	ng		97
88) Benzo(b)fluoranthene	22.559	252	1985940	49.547	ng		98
89) Benzo(k)fluoranthene	22.595	252	1881308	48.151	ng		99
90) Benzo(a)pyrene	23.089	252	1891285	57.109	ng		98
91) Dibenzo(a,h)anthracene	25.265	278	1729003	51.031	ng	#	95
92) Benzo(g,h,i)perylene	25.900	276	1737100	51.546	ng	#	95

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

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