Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
Data File : BG050672.D
Acq On : 21 Oct 2021 18:22
Operator : CG/JU
Sample : M4300-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TH-CDMS

Manual Integrations APPROVED
mohammad
10/22/2021 2:54:16 PM

Quant Time: Oct 22 04:02:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.252	152	36615	20.00	ng		0.00
21) Naphthalene-d8	11.079	136	154773	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	104616	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	245948	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	214532	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	214259	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	274570	112.15	ng		0.00
7) Phenol-d6	7.395	99	377334	106.45	ng		0.00
23) Nitrobenzene-d5	9.422	82	258512	69.14	ng		0.00
42) 2,4,6-Tribromophenol	16.355	330	110354	110.59	ng		0.00
45) 2-Fluorobiphenyl	13.493	172	459110	66.05	ng		-0.01
79) Terphenyl-d14	20.203	244	745130	67.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	42623	33.61	ng		92
3) Pyridine	4.051	79	100210	28.93	ng	#	91
4) n-Nitrosodimethylamine	3.969	42	67366	41.27	ng	#	54
6) Aniline	7.571	93	135343	32.86	ng	#	95
8) 2-Chlorophenol	7.812	128	110994	47.09	ng		90
9) Benzaldehyde	7.383	77	83664	37.07	ng		89
10) Phenol	7.424	94	157242	45.62	ng		85
11) bis(2-Chloroethyl)ether	7.659	93	111468	41.44	ng		87
12) 1,3-Dichlorobenzene	8.135	146	115058	42.28	ng		95
13) 1,4-Dichlorobenzene	8.288	146	115365	42.05	ng		97
14) 1,2-Dichlorobenzene	8.605	146	112258	42.84	ng		96
15) Benzyl Alcohol	8.487	79	125859	44.93	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.769	45	181517	41.38	ng		87
17) 2-Methylphenol	8.681	107	105083	46.34	ng		92
18) Hexachloroethane	9.345	117	44655	43.01	ng		94
19) n-Nitroso-di-n-propyla...	9.052	70	106071	41.06	ng	#	88
20) 3+4-Methylphenols	9.010	107	143830	45.06	ng		94
22) Acetophenone	9.075	105	175529	39.89	ng	#	97
24) Nitrobenzene	9.469	77	156448	42.08	ng		94
25) Isophorone	9.986	82	269363	40.62	ng	#	96
26) 2-Nitrophenol	10.180	139	62721	45.95	ng	#	90
27) 2,4-Dimethylphenol	10.227	122	114518	48.56	ng		94
28) bis(2-Chloroethoxy)met...	10.462	93	151298	39.90	ng	#	92
29) 2,4-Dichlorophenol	10.714	162	108765	45.25	ng		98
30) 1,2,4-Trichlorobenzene	10.932	180	109309	40.03	ng		92
31) Naphthalene	11.126	128	342765	41.37	ng		97
32) Benzoic acid	10.368	122	71519	40.86	ng	#	78
33) 4-Chloroaniline	11.231	127	84319	24.26	ng		96
34) Hexachlorobutadiene	11.396	225	67048	39.11	ng		95
35) Caprolactam	12.007	113	42995m	46.73	ng		
36) 4-Chloro-3-methylphenol	12.330	107	135277	45.02	ng	#	88
37) 2-Methylnaphthalene	12.712	142	242271	42.38	ng		96
38) 1-Methylnaphthalene	12.929	142	227043	40.96	ng		93
40) 1,2,4,5-Tetrachloroben...	13.076	216	122693	39.71	ng		97
41) Hexachlorocyclopentadiene	13.047	237	149045	83.48	ng		92
43) 2,4,6-Trichlorophenol	13.311	196	91515	42.04	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	99601	43.76	ng		91
46) 1,1'-Biphenyl	13.705	154	300594	39.39	ng		94
47) 2-Chloronaphthalene	13.758	162	242008	41.30	ng		99
48) 2-Nitroaniline	13.952	65	105611	45.31	ng		97
49) Acenaphthylene	14.598	152	403412	42.02	ng		96
50) Dimethylphthalate	14.316	163	324615	41.05	ng		100
51) 2,6-Dinitrotoluene	14.439	165	71016	44.84	ng		91
52) Acenaphthene	14.933	154	285459m	46.27	ng		
53) 3-Nitroaniline	14.774	138	53390	28.50	ng		83
54) 2,4-Dinitrophenol	14.980	184	82752	84.22	ng		90
55) Dibenzofuran	15.268	168	381043	39.94	ng		97
56) 4-Nitrophenol	15.074	139	136952	90.88	ng	#	81
57) 2,4-Dinitrotoluene	15.227	165	101797	45.60	ng	#	93
58) Fluorene	15.914	166	305458	41.68	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	82655	41.69	ng		94
60) Diethylphthalate	15.667	149	348499	41.95	ng		97
61) 4-Chlorophenyl-phenyle...	15.896	204	161567	40.29	ng		99
62) 4-Nitroaniline	15.938	138	83456	42.82	ng	#	68
63) Azobenzene	16.196	77	388797	40.43	ng		83
65) 4,6-Dinitro-2-methylph...	15.990	198	56807	38.45	ng		92
66) n-Nitrosodiphenylamine	16.114	169	277369	39.69	ng		97
67) 4-Bromophenyl-phenylether	16.795	248	99381	40.10	ng		98
68) Hexachlorobenzene	16.913	284	101963	41.39	ng	#	90
69) Atrazine	17.054	200	118827	43.16	ng		99
70) Pentachlorophenol	17.260	266	127048	75.77	ng		97
71) Phenanthrene	17.659	178	528664	40.79	ng		98
72) Anthracene	17.747	178	540277	41.95	ng		98
73) Carbazole	18.017	167	511853	39.88	ng		97
74) Di-n-butylphthalate	18.552	149	628885	41.75	ng	#	97
75) Fluoranthene	19.657	202	647980	40.67	ng		96
77) Benzidine	19.827	184	273552	39.34	ng		97
78) Pyrene	20.021	202	651297	42.79	ng		97
80) Butylbenzylphthalate	20.885	149	270497	42.01	ng		94
81) Benzo(a)anthracene	21.895	228	580933	40.92	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	131426	27.94	ng	#	95
83) Chrysene	21.966	228	560884	42.01	ng		96
84) Bis(2-ethylhexyl)phtha...	21.766	149	390126	42.65	ng	#	95
85) Di-n-octyl phthalate	23.047	149	660001	43.26	ng		96
87) Indeno(1,2,3-cd)pyrene	29.263	276	635072	42.56	ng	#	89
88) Benzo(b)fluoranthene	24.240	252	577806	44.03	ng	#	93
89) Benzo(k)fluoranthene	24.316	252	558470	43.26	ng	#	96
90) Benzo(a)pyrene	25.174	252	559651	50.16	ng	#	95
91) Dibenzo(a,h)anthracene	29.334	278	528556	42.82	ng	#	93
92) Benzo(g,h,i)perylene	30.503	276	524693	43.40	ng	#	93

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

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