Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048508.D
Acq On : 25 Mar 2021 19:06
Operator : CG/JU
Sample : M1792-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6MS

Manual Integrations APPROVED
mohammad
3/26/2021 1:20:58 PM

Quant Time: Mar 26 00:46:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 02:47:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.099	152	46811	20.00	ng		0.00
21) Naphthalene-d8	10.925	136	184287	20.00	ng	#	0.00
39) Acenaphthene-d10	14.744	164	133339	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	294856	20.00	ng	#	0.00
76) Chrysene-d12	21.789	240	284094	20.00	ng	#	0.00
86) Perylene-d12	25.114	264	311615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	334302	118.10	ng		0.00
7) Phenol-d6	7.259	99	450234	109.31	ng		0.00
23) Nitrobenzene-d5	9.268	82	322565	69.98	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	222641	102.67	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	602754	65.03	ng		0.00
79) Terphenyl-d14	20.103	244	914451	58.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	43556	36.47	ng	#	90
3) Pyridine	3.922	79	120407	36.16	ng		87
4) n-Nitrosodimethylamine	3.833	42	73050	37.76	ng	#	62
6) Aniline	7.418	93	63008	12.93	ng		94
8) 2-Chlorophenol	7.664	128	131327	44.49	ng		93
9) Benzaldehyde	7.230	77	118874	56.75	ng	#	77
10) Phenol	7.282	94	191101	45.28	ng		75
11) bis(2-Chloroethyl)ether	7.512	93	120755	40.83	ng		96
12) 1,3-Dichlorobenzene	7.987	146	138569	39.46	ng	#	88
13) 1,4-Dichlorobenzene	8.134	146	139795	40.10	ng	#	93
14) 1,2-Dichlorobenzene	8.457	146	132758m	39.70	ng		
15) Benzyl Alcohol	8.334	79	150651	41.20	ng		85
16) 2,2'-oxybis(1-Chloropr...	8.628	45	125352	37.07	ng		90
17) 2-Methylphenol	8.540	107	117149	43.77	ng	#	84
18) Hexachloroethane	9.192	117	55306	41.24	ng		94
19) n-Nitroso-di-n-propyla...	8.904	70	113280	37.05	ng		97
20) 3+4-Methylphenols	8.869	107	165431	45.12	ng		86
22) Acetophenone	8.928	105	207970	40.13	ng	#	91
24) Nitrobenzene	9.309	77	179658	36.38	ng	#	83
25) Isophorone	9.832	82	317211	35.95	ng	#	90
26) 2-Nitrophenol	10.020	139	72562	38.67	ng	#	63
27) 2,4-Dimethylphenol	10.085	122	135214	46.17	ng		91
28) bis(2-Chloroethoxy)met...	10.314	93	165755	41.45	ng		99
29) 2,4-Dichlorophenol	10.567	162	140817	41.44	ng		91
30) 1,2,4-Trichlorobenzene	10.784	180	146169	35.58	ng		99
31) Naphthalene	10.972	128	393647	38.53	ng		99
32) Benzoic acid	10.220	122	103195	45.28	ng	#	83
33) 4-Chloroaniline	11.078	127	28892	6.61	ng	#	90
34) Hexachlorobutadiene	11.254	225	103414	31.76	ng		99
35) Caprolactam	11.854	113	50234m	41.40	ng		
36) 4-Chloro-3-methylphenol	12.200	107	158518	40.18	ng		91
37) 2-Methylnaphthalene	12.576	142	298685	38.30	ng	#	93
38) 1-Methylnaphthalene	12.794	142	282372	38.50	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.940	216	177035	36.36	ng	#	95
41) Hexachlorocyclopentadiene	12.917	237	231007	73.38	ng		97
43) 2,4,6-Trichlorophenol	13.176	196	126039	38.19	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	132452	36.47	ng	#	89
46) 1,1'-Biphenyl	13.575	154	390102	40.76	ng		99
47) 2-Chloronaphthalene	13.622	162	307249	39.82	ng		96
48) 2-Nitroaniline	13.822	65	117090	41.00	ng	#	73
49) Acenaphthylene	14.468	152	516886	41.37	ng		98
50) Dimethylphthalate	14.192	163	428028	39.44	ng		98
51) 2,6-Dinitrotoluene	14.309	165	88928	38.08	ng	#	53
52) Acenaphthene	14.809	154	313029	37.28	ng		99
53) 3-Nitroaniline	14.638	138	16527	7.39	ng	#	77
54) 2,4-Dinitrophenol	14.844	184	109300	76.68	ng	#	52
55) Dibenzofuran	15.144	168	475939	38.06	ng		93
56) 4-Nitrophenol	14.956	139	151744	75.83	ng	#	41
57) 2,4-Dinitrotoluene	15.097	165	127082	38.32	ng	#	68
58) Fluorene	15.790	166	383128	36.50	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.367	232	125228	34.94	ng	#	89
60) Diethylphthalate	15.555	149	425340	40.10	ng		94
61) 4-Chlorophenyl-phenyle...	15.778	204	217874	36.08	ng	#	90
62) 4-Nitroaniline	15.808	138	77701	31.72	ng	#	44
63) Azobenzene	16.072	77	424343	36.76	ng		87
65) 4,6-Dinitro-2-methylph...	15.861	198	72543	39.07	ng		78
66) n-Nitrosodiphenylamine	15.996	169	352390	41.26	ng		97
67) 4-Bromophenyl-phenylether	16.677	248	145118	39.08	ng	#	90
68) Hexachlorobenzene	16.795	284	156242	39.26	ng	#	93
69) Atrazine	16.942	200	147811	43.02	ng		99
70) Pentachlorophenol	17.141	266	208853	78.95	ng		95
71) Phenanthrene	17.535	178	632239	40.59	ng		96
72) Anthracene	17.629	178	656606	42.49	ng		97
73) Carbazole	17.893	167	586992	39.83	ng		98
74) Di-n-butylphthalate	18.446	149	713035	43.72	ng	#	97
75) Fluoranthene	19.544	202	779432	37.58	ng		97
77) Benzidine	19.721	184	432346	50.80	ng		99
78) Pyrene	19.909	202	789086	40.44	ng		96
80) Butylbenzylphthalate	20.784	149	323098	46.59	ng		86
81) Benzo(a)anthracene	21.765	228	788789	40.03	ng		98
82) 3,3'-Dichlorobenzidine	21.671	252	103828	14.60	ng	#	95
83) Chrysene	21.836	228	740470	39.20	ng		99
84) Bis(2-ethylhexyl)phtha...	21.660	149	463177	48.34	ng		93
85) Di-n-octyl phthalate	22.917	149	784839	48.92	ng		97
87) Indeno(1,2,3-cd)pyrene	28.933	276	929395	39.11	ng	#	88
88) Benzo(b)fluoranthene	24.057	252	831309	37.86	ng	#	96
89) Benzo(k)fluoranthene	24.127	252	777754	37.54	ng	#	96
90) Benzo(a)pyrene	24.962	252	720694	35.99	ng	#	97
91) Dibenzo(a,h)anthracene	28.998	278	778306	38.39	ng	#	94
92) Benzo(g,h,i)perylene	30.138	276	772890	39.29	ng	#	93

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

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