Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020221\
Data File : BG048083.D
Acq On : 2 Feb 2021 19:13
Operator : CG/JU
Sample : M1286-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JJ_BH_01_6-7MSD

Manual Integrations APPROVED
mohammad
2/3/2021 11:04:21 AM

Quant Time: Feb 02 23:45:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.121	152	48214	20.00	ng		0.00
21) Naphthalene-d8	10.935	136	196975	20.00	ng		0.00
39) Acenaphthene-d10	14.742	164	149516	20.00	ng		0.00
64) Phenanthrene-d10	17.486	188	362754	20.00	ng		0.00
76) Chrysene-d12	21.763	240	378091	20.00	ng		# 0.00
86) Perylene-d12	25.042	264	395014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.671	112	292812	93.33	ng		0.00
7) Phenol-d6	7.269	99	417827	87.60	ng		0.00
23) Nitrobenzene-d5	9.278	82	274334	55.11	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	219880	88.30	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	626095	54.14	ng		0.00
79) Terphenyl-d14	20.083	244	1059425	48.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	44436	31.77	ng		95
3) Pyridine	3.955	79	132280	31.51	ng		89
4) n-Nitrosodimethylamine	3.867	42	72697	37.48	ng		82
6) Aniline	7.439	93	85022	14.76	ng		92
8) 2-Chlorophenol	7.680	128	145672	44.36	ng		91
9) Benzaldehyde	7.251	77	91386	37.35	ng		85
10) Phenol	7.292	94	208156	45.53	ng		79
11) bis(2-Chloroethyl)ether	7.533	93	137843	38.49	ng		97
12) 1,3-Dichlorobenzene	8.009	146	152166	38.39	ng	#	90
13) 1,4-Dichlorobenzene	8.150	146	153074	38.52	ng		95
14) 1,2-Dichlorobenzene	8.473	146	146850	38.72	ng		96
15) Benzyl Alcohol	8.350	79	162150	40.18	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.644	45	175185	34.86	ng		98
17) 2-Methylphenol	8.550	107	130712	42.30	ng	#	87
18) Hexachloroethane	9.208	117	57679	37.21	ng		96
19) n-Nitroso-di-n-propyla...	8.920	70	127976	36.76	ng	#	96
20) 3+4-Methylphenols	8.879	107	180845	42.30	ng		89
22) Acetophenone	8.937	105	227200	37.43	ng		94
24) Nitrobenzene	9.325	77	191999	38.51	ng	#	87
25) Isophorone	9.848	82	339518	38.01	ng	#	93
26) 2-Nitrophenol	10.036	139	84899	41.39	ng	#	67
27) 2,4-Dimethylphenol	10.089	122	136982	45.96	ng		91
28) bis(2-Chloroethoxy)met...	10.330	93	192823	35.87	ng		96
29) 2,4-Dichlorophenol	10.571	162	164903	43.00	ng		96
30) 1,2,4-Trichlorobenzene	10.788	180	173884	37.50	ng		98
31) Naphthalene	10.982	128	432227	37.95	ng		99
32) Benzoic acid	10.212	122	86151	32.27	ng	#	78
33) 4-Chloroaniline	11.082	127	35549	6.83	ng	#	84
34) Hexachlorobutadiene	11.270	225	121820	36.99	ng		99
35) Caprolactam	11.857	113	55029m	37.69	ng		
36) 4-Chloro-3-methylphenol	12.192	107	177811	41.32	ng		86
37) 2-Methylnaphthalene	12.580	142	330627	38.44	ng	#	93
38) 1-Methylnaphthalene	12.798	142	313405	38.19	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.944	216	223147	39.15	ng	#	97
41) Hexachlorocyclopentadiene	12.927	237	296196	91.74	ng		97
43) 2,4,6-Trichlorophenol	13.174	196	163811	41.21	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	178716	43.38	ng	#	94
46) 1,1'-Biphenyl	13.579	154	448832	38.83	ng		100
47) 2-Chloronaphthalene	13.620	162	369237	36.71	ng		98
48) 2-Nitroaniline	13.820	65	133735	36.63	ng	#	82
49) Acenaphthylene	14.466	152	561065	37.79	ng		99
50) Dimethylphthalate	14.190	163	528283	39.04	ng		99
51) 2,6-Dinitrotoluene	14.308	165	109384	38.88	ng	#	65
52) Acenaphthene	14.807	154	425406m	42.33	ng		
53) 3-Nitroaniline	14.637	138	28691	9.30	ng	#	68
54) 2,4-Dinitrophenol	14.842	184	137231	78.01	ng	#	73
55) Dibenzofuran	15.142	168	575639	37.76	ng		96
56) 4-Nitrophenol	14.942	139	185515	77.04	ng	#	60
57) 2,4-Dinitrotoluene	15.095	165	154526	38.03	ng	#	76
58) Fluorene	15.788	166	466444	38.06	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.359	232	167666	40.70	ng	#	96
60) Diethylphthalate	15.553	149	502233	36.10	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	289592	38.58	ng		97
62) 4-Nitroaniline	15.800	138	105986	31.53	ng	#	66
63) Azobenzene	16.070	77	484269	36.98	ng		92
65) 4,6-Dinitro-2-methylph...	15.859	198	104615	44.69	ng		87
66) n-Nitrosodiphenylamine	15.988	169	433899	39.80	ng		100
67) 4-Bromophenyl-phenylether	16.669	248	191815	39.57	ng		95
68) Hexachlorobenzene	16.793	284	201734	38.27	ng		96
69) Atrazine	16.934	200	155121	37.46	ng		98
70) Pentachlorophenol	17.128	266	266119	83.14	ng		97
71) Phenanthrene	17.527	178	804544	38.44	ng		96
72) Anthracene	17.615	178	822383	39.95	ng		98
73) Carbazole	17.880	167	727409	37.87	ng		97
74) Di-n-butylphthalate	18.438	149	846368	36.08	ng	#	98
75) Fluoranthene	19.531	202	1048771	38.22	ng		97
77) Benzidine	19.701	184	188238	17.26	ng		97
78) Pyrene	19.889	202	1045376	37.76	ng		98
80) Butylbenzylphthalate	20.771	149	382044	36.13	ng		90
81) Benzo(a)anthracene	21.740	228	1054834	38.39	ng		97
82) 3,3'-Dichlorobenzidine	21.652	252	155312	16.77	ng	#	94
83) Chrysene	21.811	228	1007366	38.58	ng		99
84) Bis(2-ethylhexyl)phtha...	21.640	149	542833	37.48	ng		96
85) Di-n-octyl phthalate	22.880	149	935868	38.63	ng		97
87) Indeno(1,2,3-cd)pyrene	28.785	276	1240061	39.03	ng	#	85
88) Benzo(b)fluoranthene	24.002	252	1082355	38.55	ng	#	97
89) Benzo(k)fluoranthene	24.073	252	1062593	38.95	ng	#	97
90) Benzo(a)pyrene	24.889	252	993740	37.69	ng	#	97
91) Dibenzo(a,h)anthracene	28.855	278	1025359	39.10	ng	#	96
92) Benzo(g,h,i)perylene	29.966	276	1017714	40.29	ng	#	94

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

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