Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048005.D
Acq On : 26 Jan 2021 12:47
Operator : CG/JU
Sample : PB134302BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134302BSD

Manual Integrations APPROVED
mohammad
1/27/2021 1:08:09 PM

Quant Time: Jan 26 14:10:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.132	152	50745	20.00	ng	#	0.00
21) Naphthalene-d8	10.946	136	194463	20.00	ng		0.00
39) Acenaphthene-d10	14.753	164	136406	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	333454	20.00	ng	#	0.00
76) Chrysene-d12	21.774	240	337970	20.00	ng	#	0.00
86) Perylene-d12	25.059	264	337966	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	399301	120.93	ng		0.00
7) Phenol-d6	7.285	99	543378	108.24	ng		0.00
23) Nitrobenzene-d5	9.295	82	354961	72.22	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	264802	116.56	ng		0.00
45) 2-Fluorobiphenyl	13.384	172	783187	74.23	ng		0.00
79) Terphenyl-d14	20.094	244	1344328	68.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.572	88	48458	32.92	ng	#	93
3) Pyridine	3.972	79	146518	33.16	ng		91
4) n-Nitrosodimethylamine	3.884	42	80297	39.33	ng		82
6) Aniline	7.450	93	169431	27.94	ng		93
8) 2-Chlorophenol	7.697	128	154027	44.56	ng		89
9) Benzaldehyde	7.262	77	104036	40.40	ng		84
10) Phenol	7.309	94	204934	42.59	ng		75
11) bis(2-Chloroethyl)ether	7.544	93	149063	39.55	ng		94
12) 1,3-Dichlorobenzene	8.026	146	166757	39.97	ng	#	93
13) 1,4-Dichlorobenzene	8.167	146	165553	39.59	ng		96
14) 1,2-Dichlorobenzene	8.490	146	159947	40.07	ng		94
15) Benzyl Alcohol	8.367	79	171796	40.45	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.660	45	191410	36.19	ng		96
17) 2-Methylphenol	8.566	107	136885	42.09	ng	#	88
18) Hexachloroethane	9.224	117	62490	38.30	ng		96
19) n-Nitroso-di-n-propyla...	8.936	70	136423	37.23	ng		98
20) 3+4-Methylphenols	8.889	107	186524	41.45	ng		92
22) Acetophenone	8.954	105	238998	39.88	ng		94
24) Nitrobenzene	9.336	77	201025	40.84	ng	#	86
25) Isophorone	9.865	82	350779	39.77	ng	#	92
26) 2-Nitrophenol	10.047	139	87119	43.02	ng	#	75
27) 2,4-Dimethylphenol	10.106	122	144732	49.18	ng		87
28) bis(2-Chloroethoxy)met...	10.341	93	206821	38.97	ng		96
29) 2,4-Dichlorophenol	10.587	162	168548	44.52	ng		98
30) 1,2,4-Trichlorobenzene	10.811	180	183667	40.12	ng		99
31) Naphthalene	10.999	128	446564	39.72	ng		99
32) Benzoic acid	10.235	122	108142	41.03	ng	#	76
33) 4-Chloroaniline	11.099	127	72579	14.12	ng		95
34) Hexachlorobutadiene	11.287	225	128611	39.56	ng		99
35) Caprolactam	11.868	113	55251m	38.34	ng		
36) 4-Chloro-3-methylphenol	12.203	107	177928	41.88	ng		86
37) 2-Methylnaphthalene	12.591	142	340510	40.10	ng	#	91
38) 1-Methylnaphthalene	12.808	142	316230	39.03	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.955	216	221628	42.62	ng	#	97
41) Hexachlorocyclopentadiene	12.938	237	321481	109.14	ng		99
43) 2,4,6-Trichlorophenol	13.190	196	155741	42.94	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.261	196	172400	45.87	ng	#	95
46) 1,1'-Biphenyl	13.590	154	447587	42.44	ng		99
47) 2-Chloronaphthalene	13.637	162	362148	39.46	ng		97
48) 2-Nitroaniline	13.825	65	129632	38.92	ng	#	74
49) Acenaphthylene	14.477	152	562331	41.52	ng		99
50) Dimethylphthalate	14.207	163	493856	40.00	ng		99
51) 2,6-Dinitrotoluene	14.318	165	109606	42.71	ng	#	67
52) Acenaphthene	14.818	154	422090	46.03	ng		96
53) 3-Nitroaniline	14.647	138	61504	21.85	ng	#	78
54) 2,4-Dinitrophenol	14.853	184	149470	93.14	ng	#	76
55) Dibenzofuran	15.153	168	565488	40.66	ng		94
56) 4-Nitrophenol	14.947	139	184333	83.91	ng	#	55
57) 2,4-Dinitrotoluene	15.106	165	154150	41.59	ng	#	77
58) Fluorene	15.799	166	461086	41.24	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	164743	43.83	ng	#	97
60) Diethylphthalate	15.564	149	498158	39.25	ng		95
61) 4-Chlorophenyl-phenyle...	15.787	204	274904	40.15	ng		98
62) 4-Nitroaniline	15.811	138	106133	34.61	ng	#	58
63) Azobenzene	16.081	77	479517	40.13	ng		91
65) 4,6-Dinitro-2-methylph...	15.870	198	102231	47.50	ng		93
66) n-Nitrosodiphenylamine	16.005	169	425559	42.47	ng		99
67) 4-Bromophenyl-phenylether	16.680	248	185831	41.70	ng		96
68) Hexachlorobenzene	16.804	284	196280	40.51	ng		94
69) Atrazine	16.945	200	156069	41.00	ng		98
70) Pentachlorophenol	17.139	266	269762	91.68	ng		98
71) Phenanthrene	17.538	178	793834	41.26	ng		97
72) Anthracene	17.632	178	809560	42.79	ng		98
73) Carbazole	17.897	167	729452	41.31	ng		99
74) Di-n-butylphthalate	18.449	149	854160	39.61	ng	#	98
75) Fluoranthene	19.542	202	1043724	41.38	ng		97
77) Benzidine	19.712	184	344329	35.32	ng		97
78) Pyrene	19.900	202	1037661	41.93	ng		98
80) Butylbenzylphthalate	20.781	149	382593	40.47	ng		90
81) Benzo(a)anthracene	21.751	228	1016577	41.39	ng		98
82) 3,3'-Dichlorobenzidine	21.663	252	232834	28.13	ng	#	97
83) Chrysene	21.821	228	970337	41.58	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	531852	41.08	ng		96
85) Di-n-octyl phthalate	22.902	149	897528	41.44	ng		97
87) Indeno(1,2,3-cd)pyrene	28.819	276	1168451	42.98	ng	#	89
88) Benzo(b)fluoranthene	24.013	252	1026266	42.72	ng	#	97
89) Benzo(k)fluoranthene	24.089	252	1009248	43.24	ng	#	96
90) Benzo(a)pyrene	24.906	252	938309	41.60	ng	#	96
91) Dibenzo(a,h)anthracene	28.890	278	970574	43.26	ng	#	96
92) Benzo(g,h,i)perylene	30.000	276	949269	43.93	ng	#	93

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

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