Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045956.D
Acq On : 7 Jul 2020 11:04
Operator : CG/JU
Sample : L2182-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 07 12:34:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 12:24:00 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	140651	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	567265	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	340771	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	690695	20.00	ng		0.00
76) Chrysene-d12	21.63	240	638083	20.00	ng		0.00
86) Perylene-d12	24.79	264	647709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	936100	107.93	ng		0.00
7) Phenol-d6	7.16	99	1320217	105.73	ng		0.00
23) Nitrobenzene-d5	9.16	82	1142434	115.92	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	361637	114.34	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2257957	103.35	ng		0.00
79) Terphenyl-d14	19.99	244	2610336	91.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	15857	3.963	ng	#	92
3) Pyridine	3.91	79	39576	3.271	ng	#	95
4) n-Nitrosodimethylamine	3.82	42	15861	3.877	ng	#	74
6) Aniline	7.33	93	62512	3.913	ng		98
8) 2-Chlorophenol	7.58	128	35148	3.765	ng		95
9) Benzaldehyde	7.15	77	40764	5.153	ng		95
10) Phenol	7.19	94	46837	3.739	ng		89
11) bis(2-Chloroethyl)ether	7.43	93	40605	3.920	ng		94
12) 1,3-Dichlorobenzene	7.90	146	42374	3.937	ng		92
13) 1,4-Dichlorobenzene	8.05	146	40101	3.788	ng		97
14) 1,2-Dichlorobenzene	8.36	146	38956	3.823	ng		97
15) Benzyl Alcohol	8.24	79	37139	3.793	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	49759	3.682	ng		97
17) 2-Methylphenol	8.44	107	32272	3.434	ng		94
18) Hexachloroethane	9.10	117	15188	3.729	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	35499	4.047	ng		94
20) 3+4-Methylphenols	8.76	107	43527	3.398	ng		96
22) Acetophenone	8.82	105	62692	4.137	ng	#	97
24) Nitrobenzene	9.20	77	42094	3.870	ng	#	98
25) Isophorone	9.73	82	89526	3.721	ng	#	98
26) 2-Nitrophenol	9.91	139	11365	3.205	ng		96
27) 2,4-Dimethylphenol	9.97	122	33655	3.930	ng		92
28) bis(2-Chloroethoxy)methane	10.21	93	54980	4.069	ng		95
29) 2,4-Dichlorophenol	10.44	162	30841	3.479	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	37231	3.790	ng		97
31) Naphthalene	10.85	128	118234	3.888	ng		99
32) Benzoic acid	10.02	122	9938m	2.143	ng		
33) 4-Chloroaniline	10.95	127	49789	3.664	ng		99
34) Hexachlorobutadiene	11.16	225	21329	3.719	ng		92
35) Caprolactam	11.69	113	12659	3.761	ng		86
36) 4-Chloro-3-methylphenol	12.07	107	36233	3.588	ng		95
37) 2-Methylnaphthalene	12.46	142	86808	4.016	ng		96
38) 1-Methylnaphthalene	12.68	142	81814	4.010	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	40246	4.190	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	21025	3.689	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	22361	3.442	ng		91
44) 2,4,5-Trichlorophenol	13.13	196	24427	3.325	ng		94
46) 1,1'-Biphenyl	13.47	154	113281	4.419	ng		94
47) 2-Chloronaphthalene	13.50	162	77345	3.824	ng		97
48) 2-Nitroaniline	13.70	65	16214	3.425	ng		96
49) Acenaphthylene	14.35	152	131157	4.019	ng		97
50) Dimethylphthalate	14.08	163	95605	3.738	ng		99
51) 2,6-Dinitrotoluene	14.19	165	13126	3.308	ng		98
52) Acenaphthene	14.69	154	78298	3.804	ng		97
53) 3-Nitroaniline	14.52	138	14419	2.932	ng	#	92
54) 2,4-Dinitrophenol	14.72	184	2658	1.899	ng	#	52
55) Dibenzofuran	15.03	168	122381	4.056	ng		94
56) 4-Nitrophenol	14.82	139	12271	2.945	ng		96
57) 2,4-Dinitrotoluene	14.98	165	13776	2.810	ng	#	92
58) Fluorene	15.68	166	99956	4.038	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	20116	3.547	ng	#	93
60) Diethylphthalate	15.45	149	100690	3.754	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	45416	3.688	ng		97
62) 4-Nitroaniline	15.67	138	16542	3.130	ng		100
63) Azobenzene	15.96	77	115913	4.027	ng		96
65) 4,6-Dinitro-2-methylphenol	15.74	198	4853	2.399	ng		96
66) n-Nitrosodiphenylamine	15.88	169	83845	3.917	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	28384	3.680	ng		95
68) Hexachlorobenzene	16.68	284	29158	3.767	ng		98
69) Atrazine	16.83	200	30903	4.883	ng		98
70) Pentachlorophenol	17.02	266	12975	3.015	ng		91
71) Phenanthrene	17.41	178	149854	4.104	ng		98
72) Anthracene	17.50	178	152993	4.129	ng		96
73) Carbazole	17.77	167	142379	3.833	ng		95
74) Di-n-butylphthalate	18.35	149	174878	3.896	ng		96
75) Fluoranthene	19.42	202	169426	4.014	ng		97
77) Benzidine	19.59	184	86154	4.722	ng		98
78) Pyrene	19.78	202	177576m	4.077	ng		
80) Butylbenzylphthalate	20.68	149	67638	3.286	ng		97
81) Benzo(a)anthracene	21.61	228	163349	3.893	ng		93
82) 3,3'-Dichlorobenzidine	21.53	252	63748	4.112	ng		97
83) Chrysene	21.67	228	153891	3.850	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	112178	3.755	ng	#	93
85) Di-n-octyl phthalate	22.75	149	189159	3.648	ng		99
87) Indeno(1,2,3-cd)pyrene	28.36	276	182152	3.844	ng	#	85
88) Benzo(b)fluoranthene	23.79	252	158700	3.860	ng		94
89) Benzo(k)fluoranthene	23.85	252	161077	4.143	ng		96
90) Benzo(a)pyrene	24.63	252	148812	3.849	ng		98
91) Dibenzo(a,h)anthracene	28.41	278	147167	3.851	ng		98
92) Benzo(g,h,i)perylene	29.46	276	151157	3.930	ng		99

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

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