Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037422.D
Acq On : 18 Oct 2018 16:40
Operator : JU/SJ
Sample : J5164-01
Misc : LOD 1 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:48 PM

Quant Time: Oct 19 07:42:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50520	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	238018	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	159050	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	396985	20.00	ng		0.00
76) Chrysene-d12	21.77	240	366889	20.00	ng		0.00
87) Perylene-d12	25.11	264	360442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	415608	137.54	ng		0.00
7) Phenol-d6	7.24	99	604738	132.35	ng		0.00
23) Nitrobenzene-d5	9.28	82	352323	82.92	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	240185	138.46	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	876742	83.12	ng		0.00
79) Terphenyl-d14	20.09	244	1361551	79.30	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.43	93	2917	0.523	ng	#	86
8) 2-Chlorophenol	7.66	128	3453	0.977	ng	#	69
9) Benzaldehyde	7.25	77	3203	1.121	ng	#	71
10) Phenol	7.27	94	4904	1.017	ng	#	58
11) bis(2-Chloroethyl)ether	7.53	93	3422	0.935	ng		94
12) 1,3-Dichlorobenzene	8.00	146	3943m	1.002	ng		
13) 1,4-Dichlorobenzene	8.14	146	3881m	0.964	ng		
14) 1,2-Dichlorobenzene	8.46	146	3992	1.031	ng		98
15) Benzyl Alcohol	8.35	79	2745	0.813	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.64	45	6688	1.021	ng		96
18) Hexachloroethane	9.19	117	1313	0.957	ng		95
24) Nitrobenzene	9.32	77	4023	0.911	ng		94
31) Naphthalene	10.98	128	12126	1.037	ng	#	93
34) Hexachlorobutadiene	11.24	225	2592	1.017	ng	#	77
37) 2-Methylnaphthalene	12.58	142	9588	1.125	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	5212	1.016	ng		96
46) 1,1'-Biphenyl	13.58	154	13662	1.037	ng		91
47) 2-Chloronaphthalene	13.63	162	9469	0.950	ng		100
48) 2-Nitroaniline	13.83	65	2122	0.702	ng	#	84
49) Acenaphthylene	14.47	152	15768	1.052	ng		95
50) Dimethylphthalate	14.18	163	12136	0.986	ng		98
51) 2,6-Dinitrotoluene	14.31	165	2099	0.771	ng		95
52) Acenaphthene	14.80	154	9558	1.035	ng		92
55) Dibenzofuran	15.14	168	16489	1.078	ng		98
58) Fluorene	15.78	166	12729	1.111	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2113	0.661	ng	#	89
60) Diethylphthalate	15.54	149	11717	0.928	ng		96
63) Azobenzene	16.07	77	11278	0.936	ng		96
66) n-Nitrosodiphenylamine	15.99	169	10829	0.907	ng		92
67) 4-Bromophenyl-phenylether	16.67	248	3835	0.880	ng	#	69
68) Hexachlorobenzene	16.78	284	4210	0.932	ng	#	92
69) Atrazine	16.93	200	3680	0.852	ng		97
71) Phenanthrene	17.53	178	22788	1.129	ng		93
72) Anthracene	17.62	178	21046	1.063	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.89	167	16691	0.843	ng		99
74) Di-n-butylphthalate	18.43	149	18692	0.848	ng	#	94
75) Fluoranthene	19.54	202	24058	1.051	ng		93
78) Pyrene	19.89	202	23767	0.991	ng		92
80) Butylbenzylphthalate	20.77	149	7472	0.761	ng		95
81) Benzo(a)anthracene	21.75	228	23635	1.089	ng		99
83) Chrysene	21.82	228	21921	1.051	ng		91
84) Bis(2-ethylhexyl)phthalate	21.63	149	10186	0.740	ng	#	90
85) Di-n-octyl phthalate	22.89	149	15624	0.696	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.93	276	13670	0.611	ng	#	66
88) Benzo(b)fluoranthene	24.04	252	19776	1.001	ng	#	90
89) Benzo(k)fluoranthene	24.11	252	18705	0.966	ng	#	96
90) Benzo(a)pyrene	24.94	252	18145	0.966	ng	#	92
91) Dibenzo(a,h)anthracene	29.01	278	14289m	0.825	ng		
92) Benzo(g,h,i)perylene	30.14	276	16281m	0.929	ng		

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

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