Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108655.D
Acq On : 30 Aug 2018 22:06
Operator : JU/SJ
Sample : J4699-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG-SOIL-1MS

Manual Integrations APPROVED
Sohil
8/31/2018 12:18:27 PM

Quant Time: Aug 31 05:59:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	79761	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	300365	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	133255	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	255543	20.00	ng		0.00
75) Chrysene-d12	14.19	240	266100	20.00	ng		0.00
86) Perylene-d12	15.75	264	220103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	270458	58.91	ng		0.00
7) Phenol-d6	6.64	99	452252	68.77	ng		0.00
23) Nitrobenzene-d5	7.57	82	322054	54.42	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	121037	68.81	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	559631	56.47	ng		0.00
78) Terphenyl-d14	13.12	244	639389	46.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	51790	24.272	ng	#	76
3) Pyridine	3.71	79	124938	25.343	ng	#	86
4) n-Nitrosodimethylamine	3.68	42	57000	23.178	ng		80
6) Aniline	6.70	93	172428	24.299	ng	#	83
8) 2-Chlorophenol	6.80	128	176300	31.405	ng		94
9) Benzaldehyde	6.58	77	91301	22.463	ng		95
10) Phenol	6.65	94	227319	29.644	ng		81
11) bis(2-Chloroethyl)ether	6.73	93	204739	30.321	ng		97
12) 1,3-Dichlorobenzene	6.94	146	189049	29.044	ng		99
13) 1,4-Dichlorobenzene	7.02	146	214186	30.146	ng		99
14) 1,2-Dichlorobenzene	7.17	146	191542	29.353	ng		97
15) Benzyl Alcohol	7.16	79	116789m	24.689	ng		
16) 2,2'-oxybis(1-Chloropropan	7.27	45	310383	29.963	ng		68
17) 2-Methylphenol	7.26	107	129517	29.674	ng	#	67
18) Hexachloroethane	7.50	117	67478	27.616	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	124744	28.327	ng	#	88
20) 3+4-Methylphenols	7.42	107	148420	27.140	ng	#	31
22) Acetophenone	7.41	105	260681	34.765	ng	#	90
24) Nitrobenzene	7.58	77	181780	30.296	ng		92
25) Isophorone	7.81	82	329041	33.473	ng		97
26) 2-Nitrophenol	7.90	139	77709	28.609	ng	#	87
27) 2,4-Dimethylphenol	7.93	122	138240	34.994	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	204528	32.937	ng		99
29) 2,4-Dichlorophenol	8.15	162	145319	31.007	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	162070	30.925	ng		97
31) Naphthalene	8.31	128	516106	36.075	ng		99
32) Benzoic acid	8.03	122	26774m	10.569	ng		
33) 4-Chloroaniline	8.37	127	152081	24.081	ng		98
34) Hexachlorobutadiene	8.41	225	101468	29.487	ng		98
35) Caprolactam	8.71	113	33568	26.880	ng	#	84
36) 4-Chloro-3-methylphenol	8.84	107	143389	28.507	ng		99
37) 2-Methylnaphthalene	9.00	142	320693	33.131	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	163533	34.568	ng		97
40) Hexachlorocyclopentadiene	9.14	237	29298	20.463	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	89627	31.993	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	116189	35.566	ng		96
45) 1,1'-Biphenyl	9.46	154	391128	33.716	ng		97
46) 2-Chloronaphthalene	9.49	162	299579	32.987	ng		98
47) 2-Nitroaniline	9.60	65	95092	31.306	ng		86
48) Acenaphthylene	9.91	152	466945	35.119	ng		99
49) Dimethylphthalate	9.75	163	420877	40.109	ng	#	98
50) 2,6-Dinitrotoluene	9.82	165	72473	31.333	ng	#	88
51) Acenaphthene	10.08	154	269411	33.889	ng		99
52) 3-Nitroaniline	10.01	138	63271	25.287	ng		91
53) 2,4-Dinitrophenol	10.14	184	11940	15.181	ng	#	43
54) Dibenzofuran	10.25	168	393861	31.662	ng		95
55) 4-Nitrophenol	10.20	139	60130	40.187	ng	#	85
56) 2,4-Dinitrotoluene	10.24	165	90495	29.549	ng	#	92
57) Fluorene	10.60	166	314978	32.673	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	95599	32.665	ng	#	83
59) Diethylphthalate	10.45	149	333313	31.528	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	159508	29.158	ng		94
61) 4-Nitroaniline	10.64	138	58152	24.017	ng		94
62) Azobenzene	10.74	77	310775	29.575	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	12208	10.766	ng	#	80
65) n-Nitrosodiphenylamine	10.70	169	284624	33.524	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	97643	31.090	ng	#	90
67) Hexachlorobenzene	11.14	284	105073	31.053	ng	#	87
68) Atrazine	11.22	200	90020	35.144	ng		95
69) Pentachlorophenol	11.34	266	96799	53.838	ng		97
70) Phenanthrene	11.57	178	443830	34.409	ng		98
71) Anthracene	11.62	178	489405	36.111	ng		100
72) Carbazole	11.78	167	438704	33.477	ng		98
73) Di-n-butylphthalate	12.08	149	500234	33.178	ng		99
74) Fluoranthene	12.76	202	552667	38.066	ng		94
76) Benzidine	12.89	184	337334	45.036	ng		98
77) Pyrene	12.99	202	556791	27.835	ng		99
79) Butylbenzylphthalate	13.59	149	233347	27.742	ng	#	96
80) Benzo(a)anthracene	14.18	228	544156	33.544	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	202633	34.444	ng	#	98
82) Chrysene	14.22	228	513486	32.915	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	329686	30.494	ng	#	100
84) Di-n-octyl phthalate	14.76	149	584558	36.774	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	353493	32.588	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	498387	36.861	ng	#	96
88) Benzo(k)fluoranthene	15.31	252	455945	34.041	ng	#	96
89) Benzo(a)pyrene	15.68	252	426095	34.872	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	303569	31.107	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	276116	29.112	ng	#	88

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

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