Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009733.D
Acq On : 17 Feb 2020 11:56
Operator : CG/JU
Sample : K5695-02
Misc : MDL-SOIL-02
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-02

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:20 AM

Quant Time: Feb 17 15:28:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	86216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	362196	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	235888	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	505248	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	501302	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	505889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	10417	4.97	ng/uL	0.00
5) Phenol-d5	6.62	99	240376	32.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	176450	34.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	191448	34.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	191797	32.88	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	92378	34.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	101049	34.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	181422	32.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	257948	41.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	621999	35.30	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	727942	35.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	89320	27.76	ng/ul	0.00
58) Fluorene-d10	15.06	176	523727	34.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	88360	28.15	ng/ul	0.00
71) Anthracene-d10	16.91	188	816766	35.27	ng/ul	0.00
79) Pyrene-d10	19.22	212	879221	33.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	854631	33.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	2858	1.187	ng/uL#	68
4) Benzaldehyde	6.59	77	19197	3.936	ng/ul	88
6) Phenol	6.65	94	26903	3.423	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.87	93	22621	3.662	ng/ul	96
10) 2-Chlorophenol	6.99	128	20688	3.557	ng/ul	92
11) 2-Methylphenol	7.87	108	18032	3.136	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.95	45	59031	3.899	ng/ul	99
14) Acetophenone	8.24	105	33225	3.495	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.22	70	18232	3.671	ng/ul#	85
16) 4-Methylphenol	8.19	108	21684	3.436	ng/ul	91
17) Hexachloroethane	8.46	117	9869	3.730	ng/ul#	86
20) Nitrobenzene	8.60	77	27801	3.561	ng/ul	96
21) Isophorone	9.13	82	43377	3.157	ng/ul	94
23) 2-Nitrophenol	9.31	139	11354	3.500	ng/ul#	86
24) 2,4-Dimethylphenol	9.38	107	23146	3.287	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.62	93	27877	3.319	ng/ul	95
27) 2,4-Dichlorophenol	9.83	162	19729m	3.509	ng/ul	
28) Naphthalene	10.22	128	70952	3.633	ng/ul	99
30) 4-Chloroaniline	10.35	127	25625	3.997	ng/ul	96
31) Hexachlorobutadiene	10.50	225	13367	3.555	ng/ul	89
32) Caprolactam	11.17	113	4463m	2.367	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	19622	3.052	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	46340	3.417	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	50093	3.685	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	25005	3.576	ng/ul	93
38) Hexachlorocyclopentadiene	12.20	237	3341	1.104	ng/ul#	88
39) 2,4,6-Trichlorophenol	12.48	196	11928	2.688	ng/ul	99
40) 2,4,5-Trichlorophenol	12.56	196	13616	2.860	ng/ul	87
41) 1,1'-Biphenyl	12.88	154	64546	3.563	ng/ul	97
42) 2-Chloronaphthalene	12.92	162	49774	3.459	ng/ul	94
43) 2-Nitroaniline	13.15	65	13954	2.652	ng/ul	92
45) Dimethylphthalate	13.53	163	65475	3.561	ng/ul#	98
46) 2,6-Dinitrotoluene	13.66	165	10069	2.798	ng/ul	89
48) Acenaphthylene	13.77	152	80236	3.572	ng/ul	99
49) 3-Nitroaniline	14.00	138	8582	2.583	ng/ul	80
50) Acenaphthene	14.12	153	54333	3.529	ng/ul	92
51) 2,4-Dinitrophenol	14.23	184	2167m	1.049	ng/ul	
53) 4-Nitrophenol	14.30	109	8353	2.877	ng/ul#	89
54) Dibenzofuran	14.46	168	77831	3.601	ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	15721	2.947	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	14.70	232	11644	2.845	ng/ul#	92
57) Diethylphthalate	14.91	149	62097	3.289	ng/ul	98
59) Fluorene	15.12	166	64348	3.548	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.12	204	31465	3.518	ng/ul	99
61) 4-Nitroaniline	15.17	138	8778	2.166	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.23	198	10240	3.029	ng/ul#	63
65) N-Nitrosodiphenylamine	15.34	169	52241	3.485	ng/ul	96
66) 4-Bromophenyl-phenylether	16.02	248	17508	3.463	ng/ul	97
67) Hexachlorobenzene	16.13	284	20203	3.611	ng/ul	98
68) Atrazine	16.31	200	16574	2.914	ng/ul	89
69) Pentachlorophenol	16.49	266	5482	1.696	ng/ul	96
70) Phenanthrene	16.85	178	102588	3.558	ng/ul	96
72) Anthracene	16.95	178	103681	3.517	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	27689	3.751	ng/uL#	83
74) Pentachlorobenzene	14.39	250	25165	3.535	ng/uL	99
75) Carbazole	17.23	167	77141	2.972	ng/ul	98
76) Di-n-butylphthalate	17.80	149	91556	2.858	ng/ul#	98
77) Fluoranthene	18.89	202	108787	3.221	ng/ul	98
80) Pyrene	19.25	202	128342	3.551	ng/ul	98
81) Butylbenzylphthalate	20.18	149	35354	2.380	ng/ul	100
82) 3,3'-Dichlorobenzidine	20.96	252	29314	2.682	ng/ul#	95
83) Benzo(a)anthracene	21.02	228	110465	3.207	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.97	149	58122	2.562	ng/ul	97
85) Chrysene	21.06	228	113421	3.344	ng/ul	99
87) Di-n-octyl phthalate	21.82	149	88729	2.317	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	107341	3.273	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	110084	3.545	ng/ul	98
91) Benzo(a)pyrene	23.04	252	107600	3.647	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.20	276	118449	3.382	ng/ul	96
93) Dibenzo(a,h)anthracene	25.20	278	96077	3.207	ng/ul	98
94) Benzo(g,h,i)perylene	25.82	276	98003	3.337	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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