Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009736.D
Acq On : 17 Feb 2020 13:44
Operator : CG/JU
Sample : K5695-05
Misc : MDL-SOIL-05
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

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2/20/2020 7:56:30 AM

Quant Time: Feb 17 15:29:53 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	94578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	389704	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	243620	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	533081	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	522153	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	529752	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11818	5.14	ng/uL	0.00
5) Phenol-d5	6.62	99	249923	31.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	180955	32.60	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	196217	32.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	192855	30.14	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	94283	33.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	102580	32.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	183922	30.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	262380	38.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	609370	33.49	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	728359	33.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	87467	26.32	ng/ul	0.00
58) Fluorene-d10	15.06	176	510287	32.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	85134	25.71	ng/ul	0.00
71) Anthracene-d10	16.91	188	807226	33.03	ng/ul	0.00
79) Pyrene-d10	19.22	212	879822	32.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	858145	32.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	2599	0.984	ng/uL	98
4) Benzaldehyde	6.59	77	19593	3.662	ng/ul	96
6) Phenol	6.65	94	26357	3.057	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.87	93	21409	3.160	ng/ul	95
10) 2-Chlorophenol	6.99	128	20682	3.242	ng/ul	95
11) 2-Methylphenol	7.88	108	17106	2.712	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.95	45	57325	3.451	ng/ul#	97
14) Acetophenone	8.24	105	29868	2.864	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.23	70	15557	2.855	ng/ul#	85
16) 4-Methylphenol	8.20	108	20658	2.984	ng/ul	92
17) Hexachloroethane	8.46	117	9186	3.165	ng/ul#	92
20) Nitrobenzene	8.60	77	28038	3.337	ng/ul	97
21) Isophorone	9.13	82	41494	2.806	ng/ul	99
23) 2-Nitrophenol	9.30	139	11757	3.369	ng/ul	87
24) 2,4-Dimethylphenol	9.38	107	22841	3.014	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.62	93	27320	3.023	ng/ul	94
27) 2,4-Dichlorophenol	9.83	162	19084	3.155	ng/ul#	87
28) Naphthalene	10.22	128	69817	3.322	ng/ul	99
30) 4-Chloroaniline	10.34	127	22423	3.250	ng/ul	96
31) Hexachlorobutadiene	10.50	225	12236	3.025	ng/ul#	90
32) Caprolactam	11.17	113	3627m	1.788	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	17767	2.568	ng/ul#	97
34) 2-Methylnaphthalene	11.85	142	45177	3.096	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	48423	3.311	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	22283	3.086	ng/ul	97
38) Hexachlorocyclopentadiene	12.20	237	3007	0.962	ng/ul#	91
39) 2,4,6-Trichlorophenol	12.48	196	10486	2.288	ng/ul#	92
40) 2,4,5-Trichlorophenol	12.57	196	12639	2.571	ng/ul	89
41) 1,1'-Biphenyl	12.88	154	60390	3.227	ng/ul	100
42) 2-Chloronaphthalene	12.92	162	47402	3.190	ng/ul	97
43) 2-Nitroaniline	13.15	65	13952	2.567	ng/ul	95
45) Dimethylphthalate	13.53	163	63001	3.318	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	8771	2.360	ng/ul	92
48) Acenaphthylene	13.77	152	76098	3.281	ng/ul	98
49) 3-Nitroaniline	14.00	138	8058	2.348	ng/ul	94
50) Acenaphthene	14.12	153	51516	3.240	ng/ul	98
51) 2,4-Dinitrophenol	14.23	184	2137m	1.001	ng/ul	
53) 4-Nitrophenol	14.31	109	8423	2.809	ng/ul	92
54) Dibenzofuran	14.46	168	72692	3.257	ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	14974	2.718	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	14.70	232	11514	2.724	ng/ul#	94
57) Diethylphthalate	14.91	149	59593	3.056	ng/ul	97
59) Fluorene	15.12	166	60279	3.218	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.12	204	29272	3.169	ng/ul	95
61) 4-Nitroaniline	15.16	138	9087m	2.171	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	8844	2.479	ng/ul#	65
65) N-Nitrosodiphenylamine	15.33	169	47767	3.020	ng/ul	91
66) 4-Bromophenyl-phenylether	16.02	248	16206	3.038	ng/ul	95
67) Hexachlorobenzene	16.13	284	17504	2.966	ng/ul	94
68) Atrazine	16.30	200	15578	2.596	ng/ul	91
69) Pentachlorophenol	16.49	266	5103	1.496	ng/ul#	83
70) Phenanthrene	16.85	178	99117	3.258	ng/ul	100
72) Anthracene	16.95	178	98518	3.168	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	26830	3.445	ng/uL	94
74) Pentachlorobenzene	14.39	250	23523	3.132	ng/uL	93
75) Carbazole	17.23	167	72730	2.656	ng/ul	99
76) Di-n-butylphthalate	17.80	149	85567	2.531	ng/ul	96
77) Fluoranthene	18.89	202	103813	2.913	ng/ul	97
80) Pyrene	19.25	202	119546	3.176	ng/ul	97
81) Butylbenzylphthalate	20.18	149	34539	2.232	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	27222	2.391	ng/ul	90
83) Benzo(a)anthracene	21.02	228	107260	2.989	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.97	149	53826	2.278	ng/ul	100
85) Chrysene	21.06	228	108785	3.079	ng/ul	97
87) Di-n-octyl phthalate	21.82	149	87136	2.173	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	103085	3.001	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	104901m	3.225	ng/ul	
91) Benzo(a)pyrene	23.04	252	100563	3.255	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.19	276	107549	2.932	ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	90585	2.887	ng/ul	97
94) Benzo(g,h,i)perylene	25.82	276	91608	2.979	ng/ul	98

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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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