Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072418\
Data File : VD059581.D
Acq On : 24 Jul 2018 20:42
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ICVVD072418

Quant Time: Jul 25 07:14:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	145783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	182023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	151494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	72110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	96021	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.78%			
35) Dibromofluoromethane	5.51	113	85457	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.46%			
50) Toluene-d8	8.69	98	179953	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.62%			
62) 4-Bromofluorobenzene	11.92	95	79582	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.32	85	74619	45.958	ug/l	97
3) Chloromethane	1.46	50	39266	43.095	ug/l	95
4) Vinyl Chloride	1.52	62	45626	48.119	ug/l	99
5) Bromomethane	1.75	94	11987	65.895	ug/l	86
6) Chloroethane	1.84	64	24250	87.424	ug/l	94
7) Trichlorofluoromethane	2.05	101	81540	50.407	ug/l	96
8) Diethyl Ether	2.31	74	15765	51.459	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.52	101	42507	49.870	ug/l	98
10) Methyl Iodide	2.66	142	56479	51.024	ug/l	98
11) Tert butyl alcohol	3.23	59	18878	258.193	ug/l	97
12) 1,1-Dichloroethene	2.51	96	31818	51.500	ug/l	98
13) Acrolein	2.44	56	8457	224.513	ug/l	85
14) Allyl chloride	2.88	41	78925	52.686	ug/l	97
15) Acrylonitrile	3.32	53	43346	273.353	ug/l	97
16) Acetone	2.58	43	76573	276.658	ug/l	100
17) Carbon Disulfide	2.72	76	129636	52.827	ug/l	98
18) Methyl Acetate	2.90	43	31553	57.008	ug/l	97
19) Methyl tert-butyl Ether	3.36	73	108549	52.419	ug/l	97
20) Methylene Chloride	3.03	84	38659	48.985	ug/l	94
21) trans-1,2-Dichloroethene	3.34	96	35540	53.347	ug/l	98
22) Diisopropyl ether	4.03	45	194807	49.454	ug/l	98
23) Vinyl Acetate	3.97	43	621386	248.549	ug/l	99
24) 1,1-Dichloroethane	3.93	63	123435	49.637	ug/l	97
25) 2-Butanone	4.79	43	106273	251.786	ug/l	100
26) 2,2-Dichloropropane	4.75	77	123642	48.549	ug/l	100
27) cis-1,2-Dichloroethene	4.76	96	68077	51.158	ug/l	96
28) Bromochloromethane	5.11	49	51490	52.329	ug/l	92
29) Tetrahydrofuran	5.15	42	47953	245.368	ug/l	98
30) Chloroform	5.28	83	147681	49.653	ug/l	98
31) Cyclohexane	5.56	56	87100	55.158	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	145948	50.685	ug/l	97
36) 1,1-Dichloropropene	5.71	75	96491	52.828	ug/l	98
37) Ethyl Acetate	4.88	43	51927	55.266	ug/l	99
38) Carbon Tetrachloride	5.69	117	136524	54.585	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.25	83	83113	49.483 ug/l	96
40) Benzene	5.98	78	195031	52.069 ug/l	100
41) Methacrylonitrile	5.09	41	26693	56.929 ug/l	96
42) 1,2-Dichloroethane	6.10	62	123118	54.556 ug/l	98
43) Isopropyl Acetate	7.58	43	69519	53.358 ug/l	97
44) Trichloroethene	6.95	130	74039	54.498 ug/l	99
45) 1,2-Dichloropropane	7.32	63	55242	52.665 ug/l	97
46) Dibromomethane	7.43	93	46436	52.374 ug/l	97
47) Bromodichloromethane	7.71	83	112522	53.137 ug/l	96
48) Methyl methacrylate	7.48	41	46749	54.105 ug/l	93
49) 1,4-Dioxane	7.46	88	8331	1030.065 ug/l	87
51) 4-Methyl-2-Pentanone	8.58	43	230895	265.388 ug/l	98
52) Toluene	8.78	92	123931	49.898 ug/l	94
53) t-1,3-Dichloropropene	9.17	75	99976	52.344 ug/l	99
54) cis-1,3-Dichloropropene	8.33	75	98033	51.687 ug/l	97
55) 1,1,2-Trichloroethane	9.43	97	46611	49.953 ug/l	97
56) Ethyl methacrylate	9.29	69	59118	55.842 ug/l	98
57) 1,3-Dichloropropane	9.64	76	76916	51.877 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.17	63	135636	272.667 ug/l	99
59) 2-Hexanone	9.77	43	172269	249.282 ug/l	100
60) Dibromochloromethane	9.94	129	85290	55.059 ug/l	97
61) 1,2-Dibromoethane	10.07	107	59232	53.567 ug/l	98
64) Tetrachloroethene	9.49	164	71811	52.308 ug/l	97
65) Chlorobenzene	10.70	112	155742	50.150 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.83	131	70429	52.137 ug/l	97
67) Ethyl Benzene	10.84	91	272830	51.106 ug/l	99
68) m/p-Xylenes	11.00	106	173246	97.170 ug/l	96
69) o-Xylene	11.39	106	82904	47.920 ug/l	93
70) Styrene	11.42	104	143280	49.950 ug/l	97
71) Bromoform	11.59	173	59771	54.339 ug/l	97
73) Isopropylbenzene	11.77	105	257235	50.495 ug/l	97
74) N-amyl acetate	11.64	43	92775	53.154 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.06	83	54566	52.465 ug/l	98
76) 1,2,3-Trichloropropane	12.10	75	63834	53.530 ug/l	100
77) Bromobenzene	12.03	156	75258	50.467 ug/l	87
78) n-propylbenzene	12.14	91	314022	50.734 ug/l	99
79) 2-Chlorotoluene	12.21	91	187367	50.774 ug/l	97
80) 1,3,5-Trimethylbenzene	12.31	105	211127	52.492 ug/l	96
81) trans-1,4-Dichloro-2-buten	11.83	75	15737	51.616 ug/l	90
82) 4-Chlorotoluene	12.32	91	214529	51.406 ug/l	97
83) tert-Butylbenzene	12.56	119	228499	50.464 ug/l	95
84) 1,2,4-Trimethylbenzene	12.61	105	223567	52.291 ug/l	96
85) sec-Butylbenzene	12.75	105	257287	49.725 ug/l	99
86) p-Isopropyltoluene	12.88	119	218724	50.158 ug/l	98
87) 1,3-Dichlorobenzene	12.83	146	129737	51.439 ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	122717	50.503 ug/l	97
89) n-Butylbenzene	13.19	91	196565	46.689 ug/l	97
90) Hexachloroethane	13.39	117	63899	54.838 ug/l	86
91) 1,2-Dichlorobenzene	13.18	146	101085	47.767 ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.76	75	12597	60.078 ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	93394	53.293	ug/l	95
94) Hexachlorobutadiene	14.43	225	73264	53.000	ug/l	98
95) Naphthalene	14.51	128	132420	53.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	83013	52.349	ug/l	97

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

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