Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
Data File : VD068999.D
Acq On : 28 Apr 2021 12:40
Operator : VA/SY
Sample : VD0428SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 29 06:30:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	261879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	422842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	400671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	200920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	132295	47.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.60%			
35) Dibromofluoromethane	7.914	113	148929	54.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.30%			
50) Toluene-d8	10.338	98	543761	52.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.82%			
62) 4-Bromofluorobenzene	12.632	95	182435	52.94	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	52316	20.16	ug/l	88
3) Chloromethane	2.209	50	57000	18.68	ug/l	95
4) Vinyl Chloride	2.350	62	79122	20.65	ug/l	98
5) Bromomethane	2.750	94	63598	22.20	ug/l	99
6) Chloroethane	2.915	64	55301	21.96	ug/l	99
7) Trichlorofluoromethane	3.268	101	95921	21.27	ug/l	98
8) Diethyl Ether	3.709	74	26231	21.54	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	58972	21.67	ug/l	99
10) Methyl Iodide	4.297	142	50799	17.48	ug/l	98
11) Tert butyl alcohol	5.232	59	17879	104.28	ug/l #	73
12) 1,1-Dichloroethene	4.068	96	53508	20.41	ug/l	98
13) Acrolein	3.915	56	7767	71.30	ug/l	90
14) Allyl chloride	4.709	41	51852	17.55	ug/l	93
15) Acrylonitrile	5.426	53	51577	94.37	ug/l	97
16) Acetone	4.156	43	42370	110.55	ug/l	94
17) Carbon Disulfide	4.409	76	158504	18.68	ug/l	97
18) Methyl Acetate	4.715	43	20579	19.55	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	109387	18.81	ug/l	97
20) Methylene Chloride	4.962	84	82168	23.96	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	63896	18.98	ug/l	97
22) Diisopropyl ether	6.362	45	126945	17.74	ug/l	89
23) Vinyl Acetate	6.309	43	339212	89.42	ug/l	96
24) 1,1-Dichloroethane	6.267	63	103224	19.13	ug/l	96
25) 2-Butanone	7.214	43	58538	107.94	ug/l	97
26) 2,2-Dichloropropane	7.209	77	90793	20.60	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	72748	21.75	ug/l	95
28) Bromochloromethane	7.544	49	32462	16.66	ug/l	88
29) Tetrahydrofuran	7.573	42	33274	91.23	ug/l	91
30) Chloroform	7.709	83	114249	19.34	ug/l	99
31) Cyclohexane	7.985	56	81503	17.70	ug/l	88
32) 1,1,1-Trichloroethane	7.903	97	100164	19.41	ug/l	97
36) 1,1-Dichloropropene	8.114	75	83781	19.57	ug/l	97
37) Ethyl Acetate	7.297	43	25418	20.22	ug/l	96
38) Carbon Tetrachloride	8.097	117	91612	21.62	ug/l	100
39) Methylcyclohexane	9.356	83	98315	19.70	ug/l	97
40) Benzene	8.356	78	248839	19.87	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.544	41	17707m	23.79	ug/l		
42) 1,2-Dichloroethane	8.432	62	67983	20.53	ug/l		100
43) Isopropyl Acetate	8.456	43	51221	19.99	ug/l		97
44) Trichloroethene	9.114	130	73683	21.30	ug/l		98
45) 1,2-Dichloropropane	9.391	63	57898	19.35	ug/l		97
46) Dibromomethane	9.473	93	36551	21.93	ug/l		97
47) Bromodichloromethane	9.661	83	91206	20.95	ug/l		92
48) Methyl methacrylate	9.456	41	21791	17.25	ug/l	#	72
49) 1,4-Dioxane	9.456	88	7897	447.59	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	131578	101.86	ug/l		100
52) Toluene	10.403	92	163813	20.66	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	82151	21.29	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	92647	20.07	ug/l		95
55) 1,1,2-Trichloroethane	10.797	97	51380	21.81	ug/l		92
56) Ethyl methacrylate	10.661	69	47934	19.76	ug/l		97
57) 1,3-Dichloropropane	10.944	76	78890	20.33	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.944	63	107626	94.67	ug/l		98
59) 2-Hexanone	10.985	43	88098	101.93	ug/l		100
60) Dibromochloromethane	11.138	129	65011	22.00	ug/l		99
61) 1,2-Dibromoethane	11.244	107	48678	21.26	ug/l		100
64) Tetrachloroethene	10.873	164	62418	22.22	ug/l		97
65) Chlorobenzene	11.667	112	180967	20.86	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	67008	21.49	ug/l		98
67) Ethyl Benzene	11.744	91	300584	20.01	ug/l		99
68) m/p-Xylenes	11.855	106	238125	41.09	ug/l		98
69) o-Xylene	12.179	106	108696	20.63	ug/l		96
70) Styrene	12.191	104	193424	21.06	ug/l		99
71) Bromoform	12.361	173	38001	22.75	ug/l	#	98
73) Isopropylbenzene	12.479	105	292422	19.93	ug/l		99
74) N-amyl acetate	12.285	43	45241	18.18	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.726	83	57160	20.85	ug/l		100
76) 1,2,3-Trichloropropane	12.779	75	36608m	19.94	ug/l		
77) Bromobenzene	12.761	156	72233	20.48	ug/l		96
78) n-propylbenzene	12.814	91	350637	19.68	ug/l		97
79) 2-Chlorotoluene	12.902	91	198264	19.92	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	247282	20.16	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	16388	20.72	ug/l		99
82) 4-Chlorotoluene	13.002	91	207145	19.63	ug/l		96
83) tert-Butylbenzene	13.220	119	202061	19.42	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	248876	20.09	ug/l		99
85) sec-Butylbenzene	13.396	105	291395	19.84	ug/l		98
86) p-Isopropyltoluene	13.514	119	270754	20.19	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	143915	20.60	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	140827	20.36	ug/l		99
89) n-Butylbenzene	13.838	91	247448	19.59	ug/l		99
90) Hexachloroethane	14.102	117	55921	20.93	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	124956	20.67	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	7723	18.53	ug/l		99
93) 1,2,4-Trichlorobenzene	15.155	180	80359	21.48	ug/l		97
94) Hexachlorobutadiene	15.261	225	45667	21.32	ug/l		98
95) Naphthalene	15.396	128	129248	19.83	ug/l		99
96) 1,2,3-Trichlorobenzene	15.585	180	69263	21.17	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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