Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
Data File : VD075319.D
Acq On : 13 Feb 2023 11:12
Operator : KP/SY
Sample : VD0213SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0213SBS01

Quant Time: Feb 14 01:14:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	48352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	80441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	73919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	28583	50.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.820%			
35) Dibromofluoromethane	7.804	113	28222	50.035	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.060%			
50) Toluene-d8	10.269	98	104095	48.663	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.320%			
62) 4-Bromofluorobenzene	12.575	95	34503	48.917	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	9956	23.693	ug/l	100
3) Chloromethane	2.146	50	15256	19.348	ug/l	94
4) Vinyl Chloride	2.281	62	16881	20.985	ug/l	97
5) Bromomethane	2.681	94	10369	20.146	ug/l	95
6) Chloroethane	2.828	64	12261	22.094	ug/l	97
7) Trichlorofluoromethane	3.169	101	21115	21.111	ug/l	100
8) Diethyl Ether	3.599	74	5289	19.671	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	12359	21.775	ug/l	97
10) Methyl Iodide	4.158	142	13306	20.911	ug/l	90
11) Tert butyl alcohol	5.057	59	2983	81.291	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	11546	21.335	ug/l	97
13) Acrolein	3.793	56	2290	107.265	ug/l #	79
14) Allyl chloride	4.563	41	18209	20.223	ug/l	91
15) Acrylonitrile	5.257	53	13483	103.345	ug/l	97
16) Acetone	4.022	43	14147	94.365	ug/l	99
17) Carbon Disulfide	4.269	76	33865	20.283	ug/l	98
18) Methyl Acetate	4.557	43	8342	19.168	ug/l	96
19) Methyl tert-butyl Ether	5.310	73	25569	20.579	ug/l	97
20) Methylene Chloride	4.793	84	15003	20.151	ug/l	92
21) trans-1,2-Dichloroethene	5.322	96	12962	21.166	ug/l #	86
22) Diisopropyl ether	6.216	45	37954	21.192	ug/l	98
23) Vinyl Acetate	6.157	43	63886m	116.150	ug/l	
24) 1,1-Dichloroethane	6.122	63	24088	21.573	ug/l	98
25) 2-Butanone	7.081	43	18633	100.307	ug/l	96
26) 2,2-Dichloropropane	7.069	77	20462	20.703	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	13850	20.215	ug/l	91
28) Bromochloromethane	7.428	49	7223	23.851	ug/l #	87
29) Tetrahydrofuran	7.446	42	10116	101.131	ug/l	91
30) Chloroform	7.593	83	24891	21.658	ug/l	98
31) Cyclohexane	7.881	56	19467	19.336	ug/l	92
32) 1,1,1-Trichloroethane	7.798	97	22673	22.055	ug/l	98
36) 1,1-Dichloropropene	8.010	75	17533	19.954	ug/l	96
37) Ethyl Acetate	7.169	43	7499	19.569	ug/l #	92
38) Carbon Tetrachloride	7.993	117	18584	22.825	ug/l	94
39) Methylcyclohexane	9.275	83	19754	19.423	ug/l	98
40) Benzene	8.251	78	50201	20.329	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.410	41	4717	20.634	ug/l	#	83
42) 1,2-Dichloroethane	8.328	62	14695	20.554	ug/l		100
43) Isopropyl Acetate	8.357	43	14610	19.953	ug/l		97
44) Trichloroethene	9.028	130	13944	20.484	ug/l		93
45) 1,2-Dichloropropane	9.304	63	13135	20.943	ug/l		98
46) Dibromomethane	9.398	93	7000	20.141	ug/l		96
47) Bromodichloromethane	9.581	83	18541	21.435	ug/l		89
48) Methyl methacrylate	9.381	41	7369	21.191	ug/l		90
49) 1,4-Dioxane	9.387	88	1170	364.852	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.163	43	36328	98.136	ug/l		97
52) Toluene	10.334	92	32842	21.114	ug/l		99
53) t-1,3-Dichloropropene	10.557	75	14192	18.942	ug/l		95
54) cis-1,3-Dichloropropene	10.016	75	17117	19.108	ug/l		94
55) 1,1,2-Trichloroethane	10.734	97	9647	21.744	ug/l		95
56) Ethyl methacrylate	10.604	69	10077	19.537	ug/l	#	92
57) 1,3-Dichloropropane	10.881	76	16308	21.577	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.875	63	7152	61.554	ug/l		96
59) 2-Hexanone	10.922	43	26333	97.368	ug/l		94
60) Dibromochloromethane	11.081	129	11675	21.240	ug/l		95
61) 1,2-Dibromoethane	11.187	107	8383	19.596	ug/l		97
64) Tetrachloroethene	10.810	164	11286	19.824	ug/l		87
65) Chlorobenzene	11.610	112	34530	20.714	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	12997	21.415	ug/l		97
67) Ethyl Benzene	11.687	91	60214	19.565	ug/l		97
68) m/p-Xylenes	11.798	106	47336	40.434	ug/l		96
69) o-Xylene	12.128	106	21939	20.063	ug/l		96
70) Styrene	12.139	104	38154	20.597	ug/l		99
71) Bromoform	12.304	173	6598	20.239	ug/l	#	98
73) Isopropylbenzene	12.428	105	60215	19.422	ug/l		97
74) N-amyl acetate	12.234	43	13538	19.432	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.675	83	10719	19.872	ug/l		100
76) 1,2,3-Trichloropropane	12.728	75	8603m	19.791	ug/l		
77) Bromobenzene	12.704	156	13933	19.846	ug/l		97
78) n-propylbenzene	12.769	91	76297	19.777	ug/l		98
79) 2-Chlorotoluene	12.851	91	41127	19.435	ug/l		99
80) 1,3,5-Trimethylbenzene	12.910	105	49888	19.325	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.475	75	1857	15.380	ug/l		86
82) 4-Chlorotoluene	12.951	91	43597	19.750	ug/l		99
83) tert-Butylbenzene	13.175	119	44237	19.877	ug/l		99
84) 1,2,4-Trimethylbenzene	13.216	105	49948	19.372	ug/l		98
85) sec-Butylbenzene	13.351	105	68610	20.096	ug/l		97
86) p-Isopropyltoluene	13.463	119	56009	20.054	ug/l		99
87) 1,3-Dichlorobenzene	13.463	146	29076	20.490	ug/l		96
88) 1,4-Dichlorobenzene	13.539	146	28567	20.119	ug/l		98
89) n-Butylbenzene	13.792	91	53802	19.732	ug/l		99
90) Hexachloroethane	14.057	117	10838	19.684	ug/l		96
91) 1,2-Dichlorobenzene	13.839	146	25041	20.338	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1500	17.929	ug/l		91
93) 1,2,4-Trichlorobenzene	15.104	180	15077	19.552	ug/l		98
94) Hexachlorobutadiene	15.210	225	7935	19.504	ug/l		93
95) Naphthalene	15.339	128	25447	17.730	ug/l		98
96) 1,2,3-Trichlorobenzene	15.528	180	13080	19.659	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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