Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
Data File : VD078584.D
Acq On : 04 Mar 2024 12:24
Operator : RP/MD
Sample : VD0304SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

Quant Time: Mar 05 04:12:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	142527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	240316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81154	57.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.880%			
35) Dibromofluoromethane	7.805	113	85862	54.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.860%			
50) Toluene-d8	10.269	98	336497	55.395	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.569	95	100282	57.800	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	27424	22.324	ug/l	100
3) Chloromethane	2.152	50	56005	25.570	ug/l	100
4) Vinyl Chloride	2.276	62	85277	24.341	ug/l	96
5) Bromomethane	2.675	94	62207	22.232	ug/l	95
6) Chloroethane	2.823	64	61990	23.873	ug/l	90
7) Trichlorofluoromethane	3.164	101	52466	22.148	ug/l	89
8) Diethyl Ether	3.593	74	15619	23.480	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.952	101	32178	21.552	ug/l	98
10) Methyl Iodide	4.164	142	26549	16.993	ug/l	93
11) Tert butyl alcohol	5.058	59	10553	157.252	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	29610	21.244	ug/l	97
13) Acrolein	3.799	56	16094	114.860	ug/l	99
14) Allyl chloride	4.558	41	32693	20.594	ug/l	95
15) Acrylonitrile	5.258	53	35013	127.673	ug/l	98
16) Acetone	4.028	43	31883	117.790	ug/l #	83
17) Carbon Disulfide	4.264	76	93294	20.090	ug/l #	93
18) Methyl Acetate	4.569	43	16061	31.348	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	65277	23.034	ug/l	100
20) Methylene Chloride	4.799	84	56991	25.533	ug/l	90
21) trans-1,2-Dichloroethene	5.317	96	33423	19.957	ug/l	90
22) Diisopropyl ether	6.216	45	78148	21.956	ug/l	94
23) Vinyl Acetate	6.158	43	238368	112.761	ug/l	99
24) 1,1-Dichloroethane	6.105	63	55360	20.588	ug/l	99
25) 2-Butanone	7.087	43	46057	134.891	ug/l	87
26) 2,2-Dichloropropane	7.075	77	46266	20.367	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	36841	20.090	ug/l	94
28) Bromochloromethane	7.428	49	22110	22.010	ug/l	90
29) Tetrahydrofuran	7.452	42	23021	121.360	ug/l	95
30) Chloroform	7.599	83	60672	20.897	ug/l	98
31) Cyclohexane	7.875	56	45268	20.471	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	51141	20.533	ug/l	99
36) 1,1-Dichloropropene	8.005	75	44807	20.713	ug/l	97
37) Ethyl Acetate	7.169	43	17692	25.241	ug/l #	94
38) Carbon Tetrachloride	7.987	117	47534	21.009	ug/l	93
39) Methylcyclohexane	9.275	83	50375	19.841	ug/l	95
40) Benzene	8.246	78	133115	20.761	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.399	41	7727	20.568	ug/l	#	76
42) 1,2-Dichloroethane	8.322	62	34688	21.325	ug/l		99
43) Isopropyl Acetate	8.363	43	31349	23.329	ug/l	#	78
44) Trichloroethene	9.028	130	36291	20.626	ug/l		85
45) 1,2-Dichloropropane	9.305	63	31415	20.396	ug/l		97
46) Dibromomethane	9.387	93	19903	22.415	ug/l		95
47) Bromodichloromethane	9.587	83	46321	21.157	ug/l		89
48) Methyl methacrylate	9.381	41	14603	23.990	ug/l		85
49) 1,4-Dioxane	9.387	88	5126	561.412	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.157	43	91168	131.445	ug/l		94
52) Toluene	10.334	92	83884	20.389	ug/l		98
53) t-1,3-Dichloropropene	10.552	75	43199	21.328	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	52295	21.564	ug/l		96
55) 1,1,2-Trichloroethane	10.734	97	28310	22.643	ug/l		93
56) Ethyl methacrylate	10.593	69	27323	21.804	ug/l	#	89
57) 1,3-Dichloropropane	10.875	76	45085	22.252	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.869	63	71321	141.300	ug/l		100
59) 2-Hexanone	10.922	43	69342	134.790	ug/l		93
60) Dibromochloromethane	11.069	129	34237	22.678	ug/l		97
61) 1,2-Dibromoethane	11.175	107	26611	23.191	ug/l		98
64) Tetrachloroethene	10.810	164	30264	20.624	ug/l		96
65) Chlorobenzene	11.604	112	93248	20.304	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.675	131	34307	20.066	ug/l		96
67) Ethyl Benzene	11.681	91	156901	19.717	ug/l		91
68) m/p-Xylenes	11.793	106	125998	39.138	ug/l		92
69) o-Xylene	12.122	106	57205	19.587	ug/l		93
70) Styrene	12.134	104	100612	19.875	ug/l		98
71) Bromoform	12.299	173	21027	23.118	ug/l	#	98
73) Isopropylbenzene	12.416	105	149429	19.968	ug/l		98
74) N-amyl acetate	12.234	43	29868	23.713	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.669	83	34111	23.794	ug/l		100
76) 1,2,3-Trichloropropane	12.722	75	24194m	26.834	ug/l		
77) Bromobenzene	12.698	156	37655	20.806	ug/l		93
78) n-propylbenzene	12.763	91	189636	20.717	ug/l		98
79) 2-Chlorotoluene	12.846	91	101181	20.599	ug/l		97
80) 1,3,5-Trimethylbenzene	12.898	105	128002	21.020	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.469	75	9891	23.481	ug/l		97
82) 4-Chlorotoluene	12.946	91	108149	20.659	ug/l		98
83) tert-Butylbenzene	13.163	119	107355	20.475	ug/l		99
84) 1,2,4-Trimethylbenzene	13.210	105	129089	20.740	ug/l		99
85) sec-Butylbenzene	13.345	105	169378	20.706	ug/l		97
86) p-Isopropyltoluene	13.457	119	143766	20.878	ug/l		97
87) 1,3-Dichlorobenzene	13.457	146	79866	20.653	ug/l		99
88) 1,4-Dichlorobenzene	13.534	146	81240	20.969	ug/l		99
89) n-Butylbenzene	13.787	91	129927	20.190	ug/l		98
90) Hexachloroethane	14.051	117	29596	21.138	ug/l		90
91) 1,2-Dichlorobenzene	13.828	146	69488	21.154	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4310	22.555	ug/l		90
93) 1,2,4-Trichlorobenzene	15.098	180	42677	21.940	ug/l		98
94) Hexachlorobutadiene	15.198	225	21647	20.226	ug/l		97
95) Naphthalene	15.328	128	77690	22.603	ug/l		98
96) 1,2,3-Trichlorobenzene	15.516	180	38745	22.429	ug/l		97

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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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