Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
Data File : VD077280.D
Acq On : 05 Oct 2023 17:46
Operator : JC/SY
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 06 07:42:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 07:36:35 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.869	168	223034	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	365892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	349855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	410515	151.696	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 303.400%#			
35) Dibromofluoromethane	7.799	113	464551	151.841	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 303.680%#			
50) Toluene-d8	10.269	98	1772472	163.085	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 326.160%#			
62) 4-Bromofluorobenzene	12.575	95	526455	155.723	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 311.440%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	382796	133.167	ug/l	97
3) Chloromethane	2.146	50	595087	132.822	ug/l	99
4) Vinyl Chloride	2.281	62	782536	142.713	ug/l	99
5) Bromomethane	2.658	94	591708	152.746	ug/l	99
6) Chloroethane	2.822	64	504653	154.570	ug/l	99
7) Trichlorofluoromethane	3.164	101	795067	155.165	ug/l	99
8) Diethyl Ether	3.587	74	255483	153.587	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.958	101	480228	138.474	ug/l	97
10) Methyl Iodide	4.152	142	697023	163.134	ug/l	93
11) Tert butyl alcohol	5.058	59	135066	731.910	ug/l	98
12) 1,1-Dichloroethene	3.934	96	508874	150.336	ug/l	92
13) Acrolein	3.787	56	256969	748.612	ug/l	100
14) Allyl chloride	4.552	41	684614	155.872	ug/l #	90
15) Acrylonitrile	5.246	53	593347	773.428	ug/l	99
16) Acetone	4.016	43	502666	730.605	ug/l	89
17) Carbon Disulfide	4.263	76	1638389	143.584	ug/l	97
18) Methyl Acetate	4.552	43	415725	151.131	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	1132536	161.253	ug/l	96
20) Methylene Chloride	4.793	84	589459	148.854	ug/l #	87
21) trans-1,2-Dichloroethene	5.305	96	590878	147.857	ug/l	91
22) Diisopropyl ether	6.210	45	1473392	157.840	ug/l	96
23) Vinyl Acetate	6.152	43	3142168m	823.326	ug/l	
24) 1,1-Dichloroethane	6.105	63	959948	144.483	ug/l	97
25) 2-Butanone	7.075	43	713456	759.897	ug/l #	85
26) 2,2-Dichloropropane	7.069	77	829004	146.205	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	666691	155.628	ug/l	94
28) Bromochloromethane	7.422	49	274775	151.029	ug/l #	78
29) Tetrahydrofuran	7.440	42	439074	816.891	ug/l	88
30) Chloroform	7.593	83	991287	143.537	ug/l	97
31) Cyclohexane	7.875	56	811099	147.424	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	852953	144.490	ug/l	98
36) 1,1-Dichloropropene	8.004	75	795196	155.922	ug/l	97
37) Ethyl Acetate	7.163	43	312151	153.729	ug/l #	93
38) Carbon Tetrachloride	7.987	117	729623	154.589	ug/l	99
39) Methylcyclohexane	9.269	83	947051	162.193	ug/l	95
40) Benzene	8.246	78	2310156	152.055	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.393	41	183977	176.763	ug/l		85
42) 1,2-Dichloroethane	8.322	62	521685	144.851	ug/l		98
43) Isopropyl Acetate	8.357	43	575970	160.798	ug/l		90
44) Trichloroethene	9.022	130	570569	146.720	ug/l		93
45) 1,2-Dichloropropane	9.304	63	557440	149.138	ug/l		98
46) Dibromomethane	9.393	93	304277	145.967	ug/l		90
47) Bromodichloromethane	9.581	83	723144	149.658	ug/l		96
48) Methyl methacrylate	9.381	41	274250	165.279	ug/l	#	81
49) 1,4-Dioxane	9.381	88	65903	3175.755	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.157	43	1507708	811.139	ug/l		92
52) Toluene	10.334	92	1454642	156.166	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	747621	161.773	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	881739	158.953	ug/l	#	93
55) 1,1,2-Trichloroethane	10.734	97	410377	144.319	ug/l		96
56) Ethyl methacrylate	10.598	69	531369	171.360	ug/l		91
57) 1,3-Dichloropropane	10.881	76	714383	153.698	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	1259093	747.005	ug/l		94
59) 2-Hexanone	10.922	43	1087115	816.831	ug/l		92
60) Dibromochloromethane	11.075	129	480808	147.716	ug/l		96
61) 1,2-Dibromoethane	11.181	107	395949	149.677	ug/l		99
64) Tetrachloroethene	10.810	164	469897	146.510	ug/l		90
65) Chlorobenzene	11.604	112	1461665	148.252	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.681	131	521045	149.948	ug/l		98
67) Ethyl Benzene	11.681	91	2860562	162.897	ug/l		98
68) m/p-Xylenes	11.793	106	2183062	319.859	ug/l		90
69) o-Xylene	12.122	106	1025895	165.429	ug/l		92
70) Styrene	12.134	104	1713538	160.847	ug/l		96
71) Bromoform	12.298	173	270421	140.116	ug/l	#	99
73) Isopropylbenzene	12.422	105	2610947	171.373	ug/l		95
74) N-amyl acetate	12.234	43	533222	170.419	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.669	83	471506	155.745	ug/l		99
76) 1,2,3-Trichloropropane	12.722	75	238961m	144.206	ug/l		
77) Bromobenzene	12.698	156	561988	158.039	ug/l		85
78) n-propylbenzene	12.763	91	3214125	168.030	ug/l		95
79) 2-Chlorotoluene	12.851	91	1697561	164.914	ug/l		93
80) 1,3,5-Trimethylbenzene	12.904	105	2105193	167.192	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	158118	161.032	ug/l		98
82) 4-Chlorotoluene	12.945	91	1737474	160.257	ug/l		94
83) tert-Butylbenzene	13.163	119	1832578	170.737	ug/l		97
84) 1,2,4-Trimethylbenzene	13.210	105	2135375	169.631	ug/l		96
85) sec-Butylbenzene	13.345	105	2754434	167.357	ug/l		95
86) p-Isopropyltoluene	13.457	119	2349070	171.816	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	1154666	156.417	ug/l		97
88) 1,4-Dichlorobenzene	13.539	146	1088680	149.073	ug/l		98
89) n-Butylbenzene	13.787	91	2232049	169.459	ug/l		98
90) Hexachloroethane	14.051	117	426059	155.640	ug/l		89
91) 1,2-Dichlorobenzene	13.828	146	966813	153.463	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	64329	164.092	ug/l		97
93) 1,2,4-Trichlorobenzene	15.098	180	639603	168.964	ug/l		98
94) Hexachlorobutadiene	15.204	225	318443	159.649	ug/l		100
95) Naphthalene	15.333	128	1326527	182.120	ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	563364	167.295	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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