Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
Data File : VD070950.D
Acq On : 09 Nov 2021 13:54
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 10 03:56:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
ICVVD110921

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	384291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	674017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	605967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197591	48.292	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.580%			
35) Dibromofluoromethane	7.908	113	187889	49.401	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.800%			
50) Toluene-d8	10.332	98	738629	49.590	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.180%			
62) 4-Bromofluorobenzene	12.620	95	262802	49.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	166789	50.800	ug/l	99
3) Chloromethane	2.209	50	201216	51.502	ug/l	100
4) Vinyl Chloride	2.350	62	204144	54.331	ug/l	98
5) Bromomethane	2.768	94	142063	55.471	ug/l	94
6) Chloroethane	2.920	64	134593	55.773	ug/l	91
7) Trichlorofluoromethane	3.273	101	321478	53.163	ug/l	97
8) Diethyl Ether	3.709	74	107827	53.879	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	200435	53.772	ug/l	96
10) Methyl Iodide	4.297	142	215466	48.541	ug/l	99
11) Tert butyl alcohol	5.220	59	74188	248.100	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	194399	53.272	ug/l	90
13) Acrolein	3.914	56	21832	238.638	ug/l	99
14) Allyl chloride	4.709	41	409765	53.910	ug/l #	85
15) Acrylonitrile	5.420	53	257772	269.176	ug/l	97
16) Acetone	4.156	43	258357	235.100	ug/l	93
17) Carbon Disulfide	4.409	76	633639	53.776	ug/l	98
18) Methyl Acetate	4.714	43	187397	53.386	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	510266	54.166	ug/l	98
20) Methylene Chloride	4.962	84	240327	51.675	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	226253	54.094	ug/l	90
22) Diisopropyl ether	6.361	45	827767	54.780	ug/l	96
23) Vinyl Acetate	6.303	43	2029471	251.489	ug/l	97
24) 1,1-Dichloroethane	6.261	63	442870	54.872	ug/l	100
25) 2-Butanone	7.208	43	349268	245.038	ug/l	91
26) 2,2-Dichloropropane	7.203	77	360854	52.976	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	261678	54.731	ug/l	94
28) Bromochloromethane	7.544	49	178061	52.015	ug/l	89
29) Tetrahydrofuran	7.561	42	221892	266.910	ug/l	93
30) Chloroform	7.703	83	418950	54.597	ug/l	99
31) Cyclohexane	7.985	56	427189	50.770	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	359038	54.479	ug/l	95
36) 1,1-Dichloropropene	8.108	75	331244	55.043	ug/l	98
37) Ethyl Acetate	7.285	43	160144	58.328	ug/l #	93
38) Carbon Tetrachloride	8.091	117	303884	54.833	ug/l	97
39) Methylcyclohexane	9.350	83	419898	54.026	ug/l	99
40) Benzene	8.344	78	933199	55.063	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	107927	54.620	ug/l	#	69
42) 1,2-Dichloroethane	8.420	62	266662	55.551	ug/l		97
43) Isopropyl Acetate	8.444	43	318699	54.848	ug/l	#	90
44) Trichloroethene	9.108	130	238721	54.647	ug/l		94
45) 1,2-Dichloropropane	9.385	63	253115	55.224	ug/l		99
46) Dibromomethane	9.467	93	121510	55.698	ug/l		96
47) Bromodichloromethane	9.655	83	319081	55.296	ug/l		99
48) Methyl methacrylate	9.450	41	153960	54.012	ug/l	#	83
49) 1,4-Dioxane	9.455	88	28178	1114.770	ug/l		92
51) 4-Methyl-2-Pentanone	10.220	43	779123	276.570	ug/l		92
52) Toluene	10.397	92	584288	54.692	ug/l		98
53) t-1,3-Dichloropropene	10.608	75	316813	54.445	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	369451	53.842	ug/l	#	85
55) 1,1,2-Trichloroethane	10.791	97	163815	54.634	ug/l		93
56) Ethyl methacrylate	10.655	69	239861	56.539	ug/l	#	81
57) 1,3-Dichloropropane	10.938	76	302894	55.628	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.932	63	563708	255.590	ug/l		100
59) 2-Hexanone	10.973	43	546260	248.099	ug/l		90
60) Dibromochloromethane	11.132	129	196877	54.733	ug/l		99
61) 1,2-Dibromoethane	11.238	107	160539	55.043	ug/l		99
64) Tetrachloroethene	10.867	164	191406	54.169	ug/l		97
65) Chlorobenzene	11.661	112	598134	55.322	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	214343	55.855	ug/l		98
67) Ethyl Benzene	11.738	91	1126944	55.039	ug/l		99
68) m/p-Xylenes	11.844	106	848285	110.851	ug/l		95
69) o-Xylene	12.173	106	403496	55.434	ug/l		96
70) Styrene	12.185	104	686375	55.691	ug/l		97
71) Bromoform	12.349	173	110781	55.358	ug/l	#	99
73) Isopropylbenzene	12.467	105	1059642	54.576	ug/l		100
74) N-amyl acetate	12.279	43	312169	56.278	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.720	83	182906	54.731	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	144228m	62.649	ug/l		
77) Bromobenzene	12.749	156	227659	54.878	ug/l		92
78) n-propylbenzene	12.808	91	1321339	54.924	ug/l		100
79) 2-Chlorotoluene	12.896	91	742905	54.158	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	882945	55.232	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.514	75	56844	47.728	ug/l	#	84
82) 4-Chlorotoluene	12.991	91	783512	55.344	ug/l		98
83) tert-Butylbenzene	13.208	119	757174	54.984	ug/l		96
84) 1,2,4-Trimethylbenzene	13.255	105	861098	55.001	ug/l		98
85) sec-Butylbenzene	13.390	105	1148579	55.479	ug/l		98
86) p-Isopropyltoluene	13.502	119	922625	55.500	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	449339	55.398	ug/l		97
88) 1,4-Dichlorobenzene	13.579	146	444777	54.768	ug/l		98
89) n-Butylbenzene	13.826	91	934796	55.953	ug/l		99
90) Hexachloroethane	14.096	117	184041	55.945	ug/l		93
91) 1,2-Dichlorobenzene	13.873	146	384547	54.715	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	29244	53.356	ug/l		99
93) 1,2,4-Trichlorobenzene	15.143	180	250992	55.817	ug/l		96
94) Hexachlorobutadiene	15.249	225	129908	57.283	ug/l		100
95) Naphthalene	15.379	128	483629	56.326	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	210776	55.748	ug/l		96

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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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