Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
Data File : VX024590.D
Acq On : 05 Oct 2021 23:51
Operator : JC/MD
Sample : VX1005WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBS02

Manual Integrations APPROVED
MMDadoda
10/6/2021 7:03:56 PM

Quant Time: Oct 06 06:52:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.562	168	165471	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	232933	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	219539	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110555	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.964	65	108590	46.56	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.12%				
35) Dibromofluoromethane	5.391	113	88471	57.17	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.34%				
50) Toluene-d8	8.653	98	276627	48.57	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.14%				
62) 4-Bromofluorobenzene	11.085	95	107071	47.81	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	31003	18.62	ug/l		97
3) Chloromethane	1.294	50	30055	19.15	ug/l		100
4) Vinyl Chloride	1.374	62	32721	19.93	ug/l		96
5) Bromomethane	1.605	94	20874	18.89	ug/l		99
6) Chloroethane	1.685	64	17792	16.45	ug/l		100
7) Trichlorofluoromethane	1.886	101	47727	16.47	ug/l		98
8) Diethyl Ether	2.136	74	16960	17.20	ug/l		91
9) 1,1,2-Trichlorotrifluo...	2.331	101	31872	19.51	ug/l		94
10) Methyl Iodide	2.453	142	38175	16.70	ug/l		95
11) Tert butyl alcohol	2.971	59	49854	83.69	ug/l		97
12) 1,1-Dichloroethene	2.319	96	30870	20.35	ug/l		99
13) Acrolein	2.239	56	10031	86.39	ug/l		98
14) Allyl chloride	2.666	41	55937	20.17	ug/l	#	95
15) Acrylonitrile	3.069	53	112819	106.49	ug/l		99
16) Acetone	2.386	43	100598	95.99	ug/l		93
17) Carbon Disulfide	2.514	76	66776	17.23	ug/l		99
18) Methyl Acetate	2.709	43	72255	20.69	ug/l		93
19) Methyl tert-butyl Ether	3.123	73	117027	20.47	ug/l		99
20) Methylene Chloride	2.794	84	37371	20.75	ug/l		96
21) trans-1,2-Dichloroethene	3.093	96	33718	19.58	ug/l		95
22) Diisopropyl ether	3.770	45	119675	21.12	ug/l		92
23) Vinyl Acetate	3.733	43	462302	100.76	ug/l		94
24) 1,1-Dichloroethane	3.617	63	65995	20.98	ug/l		97
25) 2-Butanone	4.568	43	159400	99.25	ug/l		95
26) 2,2-Dichloropropane	4.483	77	45226	15.98	ug/l		99
27) cis-1,2-Dichloroethene	4.495	96	41097	20.41	ug/l		99
28) Bromochloromethane	4.910	49	24863	17.41	ug/l		99
29) Tetrahydrofuran	5.013	42	103941	101.57	ug/l		91
30) Chloroform	5.105	83	70902	20.41	ug/l		98
31) Cyclohexane	5.477	56	51677	18.51	ug/l		97
32) 1,1,1-Trichloroethane	5.391	97	60552	19.63	ug/l		99
36) 1,1-Dichloropropene	5.702	75	47784	21.40	ug/l		98
37) Ethyl Acetate	4.727	43	57762	20.72	ug/l		95
38) Carbon Tetrachloride	5.684	117	53473	22.00	ug/l		96
39) Methylcyclohexane	7.385	83	44144	16.88	ug/l		92
40) Benzene	6.044	78	136687	21.41	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	32822	22.80	ug/l		95
42) 1,2-Dichloroethane	6.092	62	55911	20.85	ug/l		95
43) Isopropyl Acetate	6.348	43	81703	19.28	ug/l		92
44) Trichloroethene	7.129	130	33175	18.88	ug/l		99
45) 1,2-Dichloropropane	7.434	63	32923	19.99	ug/l		96
46) Dibromomethane	7.586	93	23533	19.05	ug/l		99
47) Bromodichloromethane	7.824	83	44686	19.74	ug/l		99
48) Methyl methacrylate	7.702	41	40318	19.21	ug/l		86
49) 1,4-Dioxane	7.665	88	16889	351.33	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.580	43	277363	99.12	ug/l		90
52) Toluene	8.720	92	79344	19.24	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	46973	18.31	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	49517	18.98	ug/l	#	91
55) 1,1,2-Trichloroethane	9.159	97	34883	20.45	ug/l		95
56) Ethyl methacrylate	9.122	69	51297	18.90	ug/l	#	82
57) 1,3-Dichloropropane	9.311	76	56648	19.69	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	122249	91.24	ug/l		97
59) 2-Hexanone	9.433	43	218772	99.28	ug/l		86
60) Dibromochloromethane	9.525	129	33353	18.01	ug/l		99
61) 1,2-Dibromoethane	9.616	107	36237	19.35	ug/l		99
64) Tetrachloroethene	9.275	164	30888	20.33	ug/l		96
65) Chlorobenzene	10.086	112	88828	19.42	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	33494	19.65	ug/l		99
67) Ethyl Benzene	10.195	91	153186	18.92	ug/l		98
68) m/p-Xylenes	10.305	106	117308	37.79	ug/l		98
69) o-Xylene	10.646	106	58424	19.03	ug/l		99
70) Styrene	10.659	104	98162	19.12	ug/l		96
71) Bromoform	10.805	173	24444	18.01	ug/l	#	99
73) Isopropylbenzene	10.963	105	154494	19.77	ug/l		100
74) N-amyl acetate	10.848	43	69139	19.23	ug/l		90
75) 1,1,2,2-Tetrachloroethane	11.213	83	55795	20.19	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	50287m	20.03	ug/l		
77) Bromobenzene	11.201	156	39371	19.58	ug/l		96
78) n-propylbenzene	11.305	91	176676	19.34	ug/l		100
79) 2-Chlorotoluene	11.366	91	111232	19.99	ug/l		99
80) 1,3,5-Trimethylbenzene	11.457	105	133404	19.98	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	14934	17.70	ug/l	#	84
82) 4-Chlorotoluene	11.457	91	128470	19.62	ug/l		98
83) tert-Butylbenzene	11.719	119	133709	19.98	ug/l		97
84) 1,2,4-Trimethylbenzene	11.756	105	133353	20.09	ug/l		99
85) sec-Butylbenzene	11.896	105	162006	19.67	ug/l		100
86) p-Isopropyltoluene	12.012	119	135213	19.26	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	72406	18.90	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	73607	18.60	ug/l		99
89) n-Butylbenzene	12.335	91	111455	17.92	ug/l		96
90) Hexachloroethane	12.542	117	21035	18.22	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	73228	19.34	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12892	19.32	ug/l		91
93) 1,2,4-Trichlorobenzene	13.591	180	43668	18.11	ug/l		99
94) Hexachlorobutadiene	13.725	225	19181	17.39	ug/l		99
95) Naphthalene	13.780	128	150048	19.45	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	44954	18.20	ug/l		98

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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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