Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
Data File : VX022193.D
Acq On : 26 May 2021 13:32
Operator : JC/MD
Sample : VX0527WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Manual Integrations APPROVED
MMDadoda
5/28/2021 2:34:24 PM

Quant Time: May 26 14:07:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	104725	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	200384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78936	48.86	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.72%			
35) Dibromofluoromethane	5.397	113	63131	49.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.36%			
50) Toluene-d8	8.653	98	246016	50.26	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.52%			
62) 4-Bromofluorobenzene	11.085	95	90141	49.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	23176	18.20	ug/l	97
3) Chloromethane	1.294	50	23727	17.28	ug/l	98
4) Vinyl Chloride	1.374	62	26122	17.98	ug/l	98
5) Bromomethane	1.599	94	15077	17.80	ug/l	98
6) Chloroethane	1.685	64	16140	18.65	ug/l	91
7) Trichlorofluoromethane	1.886	101	37833	18.11	ug/l	95
8) Diethyl Ether	2.142	74	15119	16.83	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	21642	17.44	ug/l	90
10) Methyl Iodide	2.453	142	19966	14.97	ug/l	96
11) Tert butyl alcohol	2.977	59	31855	86.21	ug/l	99
12) 1,1-Dichloroethene	2.319	96	20346	16.95	ug/l	89
13) Acrolein	2.239	56	20508	83.69	ug/l	98
14) Allyl chloride	2.666	41	39545	17.94	ug/l	96
15) Acrylonitrile	3.075	53	62690	86.18	ug/l	99
16) Acetone	2.386	43	56429	80.22	ug/l	95
17) Carbon Disulfide	2.514	76	48687	15.49	ug/l	99
18) Methyl Acetate	2.709	43	32187	17.21	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	75066	18.26	ug/l	100
20) Methylene Chloride	2.794	84	27134	17.37	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	24182	18.52	ug/l	93
22) Diisopropyl ether	3.770	45	75652	17.82	ug/l	92
23) Vinyl Acetate	3.733	43	356294	87.15	ug/l	97
24) 1,1-Dichloroethane	3.617	63	47090	18.90	ug/l	98
25) 2-Butanone	4.568	43	98707	86.74	ug/l	92
26) 2,2-Dichloropropane	4.489	77	38879	17.58	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	29330	18.47	ug/l	99
28) Bromochloromethane	4.904	49	21588	17.86	ug/l	84
29) Tetrahydrofuran	5.019	42	58099	85.78	ug/l	90
30) Chloroform	5.105	83	47630	18.50	ug/l	100
31) Cyclohexane	5.477	56	35940	17.70	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	40777	18.54	ug/l	97
36) 1,1-Dichloropropene	5.702	75	34803	18.78	ug/l	99
37) Ethyl Acetate	4.727	43	38698	17.04	ug/l	94
38) Carbon Tetrachloride	5.690	117	34083	18.80	ug/l	93
39) Methylcyclohexane	7.385	83	38630	18.38	ug/l	97
40) Benzene	6.050	78	105248	18.46	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	21002	17.28	ug/l		93
42) 1,2-Dichloroethane	6.092	62	38006	19.03	ug/l		98
43) Isopropyl Acetate	6.348	43	64696	17.41	ug/l		94
44) Trichloroethene	7.135	130	25409	17.94	ug/l		100
45) 1,2-Dichloropropane	7.434	63	27992	19.25	ug/l		90
46) Dibromomethane	7.586	93	17810	18.05	ug/l	#	88
47) Bromodichloromethane	7.830	83	35441	17.95	ug/l		98
48) Methyl methacrylate	7.702	41	30428	17.77	ug/l		91
49) 1,4-Dioxane	7.665	88	12212	366.32	ug/l	#	96
51) 4-Methyl-2-Pentanone	8.580	43	201456	90.52	ug/l		92
52) Toluene	8.726	92	67555	18.71	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	39166	17.19	ug/l		96
54) cis-1,3-Dichloropropene	8.372	75	42617	17.39	ug/l		93
55) 1,1,2-Trichloroethane	9.159	97	27910	19.04	ug/l		93
56) Ethyl methacrylate	9.122	69	41763	17.63	ug/l	#	87
57) 1,3-Dichloropropane	9.311	76	45490	18.18	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.250	63	111384	86.94	ug/l		98
59) 2-Hexanone	9.433	43	150506	89.92	ug/l		90
60) Dibromochloromethane	9.525	129	24542	17.21	ug/l		99
61) 1,2-Dibromoethane	9.616	107	26820	18.38	ug/l		98
64) Tetrachloroethene	9.281	164	21948	18.60	ug/l	#	86
65) Chlorobenzene	10.086	112	70136	18.74	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23929	18.40	ug/l		95
67) Ethyl Benzene	10.195	91	129569	18.82	ug/l		99
68) m/p-Xylenes	10.305	106	98069	37.69	ug/l		99
69) o-Xylene	10.646	106	48621	19.21	ug/l		99
70) Styrene	10.659	104	78075	18.83	ug/l		98
71) Bromoform	10.805	173	15043	16.08	ug/l	#	98
73) Isopropylbenzene	10.963	105	128802	19.07	ug/l		99
74) N-amyl acetate	10.848	43	56918	17.75	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.219	83	40952	18.29	ug/l		100
76) 1,2,3-Trichloropropane	11.244	75	36432m	18.50	ug/l		
77) Bromobenzene	11.201	156	27095	18.92	ug/l		91
78) n-propylbenzene	11.305	91	150454	19.01	ug/l		99
79) 2-Chlorotoluene	11.366	91	87413	18.21	ug/l		99
80) 1,3,5-Trimethylbenzene	11.457	105	106243	18.97	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.024	75	13370	16.09	ug/l		97
82) 4-Chlorotoluene	11.457	91	100828	18.23	ug/l		98
83) tert-Butylbenzene	11.719	119	100948	18.80	ug/l		93
84) 1,2,4-Trimethylbenzene	11.756	105	106432	18.88	ug/l		100
85) sec-Butylbenzene	11.896	105	131516	19.27	ug/l		99
86) p-Isopropyltoluene	12.012	119	110602	19.19	ug/l		97
87) 1,3-Dichlorobenzene	11.975	146	50519	18.29	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	50247	17.60	ug/l		96
89) n-Butylbenzene	12.335	91	102982	19.32	ug/l		98
90) Hexachloroethane	12.542	117	17287	18.15	ug/l		76
91) 1,2-Dichlorobenzene	12.335	146	50031	18.86	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8380	17.49	ug/l		82
93) 1,2,4-Trichlorobenzene	13.591	180	30751	19.21	ug/l		96
94) Hexachlorobutadiene	13.731	225	12524	20.05	ug/l		99
95) Naphthalene	13.780	128	117081	18.76	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	31763	19.68	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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