Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
Data File : VX023296.D
Acq On : 15 Jul 2021 13:54
Operator : JC/MD
Sample : VX0715WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Manual Integrations APPROVED
MMDadoda
7/16/2021 10:41:39 AM

Quant Time: Jul 16 03:50:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	266067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	420418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176942	49.481	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.960%			
35) Dibromofluoromethane	5.397	113	132383	48.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.520%			
50) Toluene-d8	8.653	98	480392	47.436	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.880%			
62) 4-Bromofluorobenzene	11.085	95	187280	47.902	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	42466	17.615	ug/l	99
3) Chloromethane	1.300	50	37090	15.550	ug/l	98
4) Vinyl Chloride	1.373	62	41506	16.427	ug/l	96
5) Bromomethane	1.605	94	24496	15.314	ug/l	100
6) Chloroethane	1.684	64	26787	16.213	ug/l	98
7) Trichlorofluoromethane	1.885	101	75685	17.236	ug/l	100
8) Diethyl Ether	2.142	74	27510	16.974	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	47489	18.480	ug/l	95
10) Methyl Iodide	2.452	142	49739	15.763	ug/l	92
11) Tert butyl alcohol	2.977	59	75734	100.672	ug/l	98
12) 1,1-Dichloroethene	2.318	96	42302	17.836	ug/l	96
13) Acrolein	2.239	56	36602	73.066	ug/l	99
14) Allyl chloride	2.666	41	72776	17.658	ug/l	93
15) Acrylonitrile	3.074	53	143729	98.257	ug/l	97
16) Acetone	2.385	43	138590	97.961	ug/l	91
17) Carbon Disulfide	2.513	76	70921	14.178	ug/l	99
18) Methyl Acetate	2.708	43	69189	20.147	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	167672	18.902	ug/l	100
20) Methylene Chloride	2.794	84	51828	17.015	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	44148	17.235	ug/l	94
22) Diisopropyl ether	3.769	45	155482	17.894	ug/l	97
23) Vinyl Acetate	3.727	43	667449	90.762	ug/l	96
24) 1,1-Dichloroethane	3.617	63	89341	18.198	ug/l	98
25) 2-Butanone	4.568	43	210452	98.648	ug/l	94
26) 2,2-Dichloropropane	4.483	77	71604	17.377	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	56063	18.070	ug/l	99
28) Bromochloromethane	4.909	49	40747	17.495	ug/l	99
29) Tetrahydrofuran	5.019	42	130863	95.425	ug/l	94
30) Chloroform	5.104	83	97389	18.364	ug/l	99
31) Cyclohexane	5.476	56	69493	16.231	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	87384	18.919	ug/l	99
36) 1,1-Dichloropropene	5.702	75	65659	17.519	ug/l	99
37) Ethyl Acetate	4.726	43	76642	18.746	ug/l	97
38) Carbon Tetrachloride	5.677	117	73815	18.868	ug/l	99
39) Methylcyclohexane	7.384	83	76264	17.398	ug/l	99
40) Benzene	6.043	78	193487	17.781	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	42803	18.727	ug/l		94
42) 1,2-Dichloroethane	6.092	62	83214	19.031	ug/l		94
43) Isopropyl Acetate	6.348	43	125302	18.425	ug/l		95
44) Trichloroethene	7.128	130	56136	18.186	ug/l		94
45) 1,2-Dichloropropane	7.433	63	51100	17.989	ug/l		99
46) Dibromomethane	7.586	93	37361	18.417	ug/l		97
47) Bromodichloromethane	7.830	83	68397	18.466	ug/l		100
48) Methyl methacrylate	7.702	41	60634	18.170	ug/l		88
49) 1,4-Dioxane	7.665	88	28262	376.313	ug/l		97
51) 4-Methyl-2-Pentanone	8.579	43	409259	97.117	ug/l		92
52) Toluene	8.720	92	126548	17.970	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	73158	17.505	ug/l		100
54) cis-1,3-Dichloropropene	8.372	75	77259	17.332	ug/l		93
55) 1,1,2-Trichloroethane	9.159	97	55065	18.620	ug/l		97
56) Ethyl methacrylate	9.122	69	82961	18.155	ug/l	#	87
57) 1,3-Dichloropropane	9.311	76	87816	17.966	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	223059	92.697	ug/l		99
59) 2-Hexanone	9.433	43	318825	98.605	ug/l		89
60) Dibromochloromethane	9.524	129	50685	17.507	ug/l		98
61) 1,2-Dibromoethane	9.616	107	55838	18.397	ug/l		98
64) Tetrachloroethene	9.274	164	55957	18.523	ug/l		91
65) Chlorobenzene	10.085	112	140300	18.739	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.164	131	53156	19.636	ug/l		99
67) Ethyl Benzene	10.195	91	247068	18.667	ug/l		100
68) m/p-Xylenes	10.305	106	192382	38.071	ug/l		99
69) o-Xylene	10.646	106	94189	18.495	ug/l		98
70) Styrene	10.658	104	156661	18.832	ug/l		98
71) Bromoform	10.805	173	36070	18.460	ug/l	#	98
73) Isopropylbenzene	10.963	105	254585	19.304	ug/l		99
74) N-amyl acetate	10.847	43	101621	18.159	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.213	83	81575	19.469	ug/l		98
76) 1,2,3-Trichloropropane	11.244	75	78450m	20.824	ug/l		
77) Bromobenzene	11.201	156	62342	18.933	ug/l		97
78) n-propylbenzene	11.305	91	283776	18.608	ug/l		98
79) 2-Chlorotoluene	11.365	91	177592	18.842	ug/l		98
80) 1,3,5-Trimethylbenzene	11.457	105	217074	19.116	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.024	75	22576	19.907	ug/l		87
82) 4-Chlorotoluene	11.457	91	204930	19.254	ug/l		99
83) tert-Butylbenzene	11.719	119	211316	19.606	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	219425	19.554	ug/l		99
85) sec-Butylbenzene	11.896	105	269038	19.399	ug/l		100
86) p-Isopropyltoluene	12.012	119	227375	19.545	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	116817	18.893	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	118376	19.014	ug/l		98
89) n-Butylbenzene	12.335	91	188285	18.476	ug/l		99
90) Hexachloroethane	12.542	117	32897	18.536	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	117878	19.164	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	18654	19.785	ug/l		90
93) 1,2,4-Trichlorobenzene	13.591	180	74127	19.564	ug/l		97
94) Hexachlorobutadiene	13.725	225	33646	20.973	ug/l		99
95) Naphthalene	13.780	128	252158	18.857	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	74482	19.545	ug/l		98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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