Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
Data File : VX023882.D
Acq On : 20 Aug 2021 17:10
Operator : JC/MD
Sample : VX0822WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Manual Integrations APPROVED
MMDadoda
8/23/2021 11:32:22 AM

Quant Time: Aug 21 01:14:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	202395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135880	48.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.200%			
35) Dibromofluoromethane	5.397	113	100802	46.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.980%			
50) Toluene-d8	8.653	98	378609	45.881	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.760%#			
62) 4-Bromofluorobenzene	11.085	95	142641	46.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	41955	19.647	ug/l	99
3) Chloromethane	1.294	50	45560	19.435	ug/l	99
4) Vinyl Chloride	1.374	62	44636	19.524	ug/l	99
5) Bromomethane	1.599	94	31702	22.055	ug/l	96
6) Chloroethane	1.685	64	27303	16.404	ug/l	93
7) Trichlorofluoromethane	1.886	101	71151	19.707	ug/l	98
8) Diethyl Ether	2.142	74	25240	20.019	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	39620	19.502	ug/l	93
10) Methyl Iodide	2.453	142	52092	18.415	ug/l	94
11) Tert butyl alcohol	2.977	59	58790	102.913	ug/l	98
12) 1,1-Dichloroethene	2.319	96	38489	19.815	ug/l	94
13) Acrolein	2.245	56	34110	100.338	ug/l	100
14) Allyl chloride	2.666	41	68823	19.226	ug/l	91
15) Acrylonitrile	3.075	53	131019	102.935	ug/l	98
16) Acetone	2.386	43	119797	94.848	ug/l	89
17) Carbon Disulfide	2.514	76	81998	17.700	ug/l	98
18) Methyl Acetate	2.709	43	64450	20.441	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	137063	20.275	ug/l	98
20) Methylene Chloride	2.794	84	47935	19.869	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	40507	19.524	ug/l	95
22) Diisopropyl ether	3.770	45	142528	19.991	ug/l	92
23) Vinyl Acetate	3.733	43	584376	101.325	ug/l	95
24) 1,1-Dichloroethane	3.617	63	78862	19.875	ug/l	96
25) 2-Butanone	4.568	43	194368	101.601	ug/l	92
26) 2,2-Dichloropropane	4.483	77	62214	19.104	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	47778	19.353	ug/l	94
28) Bromochloromethane	4.910	49	33058	18.324	ug/l	91
29) Tetrahydrofuran	5.019	42	126192	101.838	ug/l	89
30) Chloroform	5.105	83	82685	19.681	ug/l	98
31) Cyclohexane	5.471	56	70510	19.429	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	72062	20.031	ug/l	98
36) 1,1-Dichloropropene	5.702	75	60213	19.849	ug/l	98
37) Ethyl Acetate	4.727	43	71625	19.208	ug/l	94
38) Carbon Tetrachloride	5.690	117	60738	19.201	ug/l	98
39) Methylcyclohexane	7.385	83	71823	19.445	ug/l	94
40) Benzene	6.044	78	174675	19.473	ug/l	98

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41) Methacrylonitrile	4.928	41	39835	19.706	ug/l		90
42) 1,2-Dichloroethane	6.098	62	69425	19.693	ug/l		95
43) Isopropyl Acetate	6.355	43	114435	19.620	ug/l		93
44) Trichloroethene	7.135	130	47942	19.348	ug/l		99
45) 1,2-Dichloropropane	7.434	63	45951	19.291	ug/l		99
46) Dibromomethane	7.586	93	31977	19.291	ug/l		97
47) Bromodichloromethane	7.830	83	55940	18.655	ug/l		100
48) Methyl methacrylate	7.702	41	56388	19.818	ug/l		85
49) 1,4-Dioxane	7.665	88	24820	412.736	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.580	43	392870	104.200	ug/l		89
52) Toluene	8.726	92	112810	19.408	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	63896	17.928	ug/l		98
54) cis-1,3-Dichloropropene	8.372	75	69315	19.076	ug/l	#	86
55) 1,1,2-Trichloroethane	9.159	97	47187	19.719	ug/l		96
56) Ethyl methacrylate	9.122	69	72687	18.266	ug/l	#	79
57) 1,3-Dichloropropane	9.311	76	77158	19.440	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	171334	88.915	ug/l		97
59) 2-Hexanone	9.433	43	312494	107.824	ug/l		86
60) Dibromochloromethane	9.525	129	42645	17.279	ug/l		99
61) 1,2-Dibromoethane	9.616	107	49259	19.485	ug/l		99
64) Tetrachloroethene	9.281	164	48116	19.639	ug/l		95
65) Chlorobenzene	10.086	112	123252	19.255	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43507	19.097	ug/l		98
67) Ethyl Benzene	10.195	91	219967	19.679	ug/l		99
68) m/p-Xylenes	10.305	106	168252	39.519	ug/l		97
69) o-Xylene	10.646	106	81676	19.522	ug/l		97
70) Styrene	10.659	104	135208	19.837	ug/l		98
71) Bromoform	10.805	173	30079	17.552	ug/l	#	98
73) Isopropylbenzene	10.963	105	218011	19.907	ug/l		100
74) N-amyl acetate	10.848	43	101797	20.569	ug/l		89
75) 1,1,2,2-Tetrachloroethane	11.213	83	72431	20.181	ug/l		98
76) 1,2,3-Trichloropropane	11.244	75	69006m	20.603	ug/l		
77) Bromobenzene	11.201	156	55298	20.501	ug/l		94
78) n-propylbenzene	11.305	91	249894	19.951	ug/l		100
79) 2-Chlorotoluene	11.366	91	152336	20.122	ug/l		99
80) 1,3,5-Trimethylbenzene	11.457	105	185237	20.583	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.024	75	19821	17.408	ug/l	#	83
82) 4-Chlorotoluene	11.457	91	173612	20.203	ug/l		99
83) tert-Butylbenzene	11.719	119	175826	20.116	ug/l		95
84) 1,2,4-Trimethylbenzene	11.756	105	184036	20.509	ug/l		99
85) sec-Butylbenzene	11.896	105	223606	20.206	ug/l		100
86) p-Isopropyltoluene	12.012	119	186832	20.514	ug/l		98
87) 1,3-Dichlorobenzene	11.975	146	96129	19.699	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	96184	19.762	ug/l		98
89) n-Butylbenzene	12.335	91	163893	20.154	ug/l		97
90) Hexachloroethane	12.542	117	26386	17.599	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	93222	19.718	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14180	18.284	ug/l		89
93) 1,2,4-Trichlorobenzene	13.591	180	54566	19.177	ug/l		99
94) Hexachlorobutadiene	13.731	225	24132	19.028	ug/l		99
95) Naphthalene	13.780	128	190238	18.933	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	56353	19.886	ug/l		99

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

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