Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
Data File : VX031127.D
Acq On : 06 Sep 2022 14:40
Operator : JC/MD
Sample : VX0906WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 17:29:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0906WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/07/2022
Supervised By :Mahesh Dadoda 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	167643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111403	51.646	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.300%			
35) Dibromofluoromethane	5.391	113	102453	53.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.540%			
50) Toluene-d8	8.653	98	352047	50.206	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.420%			
62) 4-Bromofluorobenzene	11.079	95	139372	56.275	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	30003	17.393	ug/l	96
3) Chloromethane	1.288	50	22016	14.431	ug/l	94
4) Vinyl Chloride	1.374	62	27449	15.233	ug/l	92
5) Bromomethane	1.611	94	16200	20.110	ug/l	94
6) Chloroethane	1.685	64	14307	12.861	ug/l	98
7) Trichlorofluoromethane	1.886	101	60951	20.018	ug/l	93
8) Diethyl Ether	2.136	74	18189	17.129	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	37668	18.677	ug/l #	88
10) Methyl Iodide	2.447	142	47451	25.805	ug/l	96
11) Tert butyl alcohol	2.995	59	51062	104.654	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	36013	18.491	ug/l	88
13) Acrolein	2.239	56	38125	96.586	ug/l	99
14) Allyl chloride	2.666	41	41940	16.215	ug/l #	83
15) Acrylonitrile	3.069	53	95519	94.450	ug/l	94
16) Acetone	2.392	43	82484	99.053	ug/l	99
17) Carbon Disulfide	2.508	76	68398	13.523	ug/l	97
18) Methyl Acetate	2.709	43	45918	19.189	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	120551	20.099	ug/l	94
20) Methylene Chloride	2.788	84	39678	18.188	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	36629	16.902	ug/l	94
22) Diisopropyl ether	3.770	45	90356	17.337	ug/l #	79
23) Vinyl Acetate	3.727	43	383211	91.034	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	63326	18.033	ug/l	95
25) 2-Butanone	4.568	43	122107	94.982	ug/l #	86
26) 2,2-Dichloropropane	4.483	77	56902	20.305	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	45707	18.818	ug/l	91
28) Bromochloromethane	4.904	49	17147	16.481	ug/l #	42
29) Tetrahydrofuran	5.013	42	73383	88.541	ug/l #	73
30) Chloroform	5.099	83	74562	19.362	ug/l	92
31) Cyclohexane	5.477	56	46483	15.775	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	68578	20.774	ug/l	95
36) 1,1-Dichloropropene	5.696	75	48182	18.054	ug/l	96
37) Ethyl Acetate	4.715	43	44496	19.190	ug/l #	91
38) Carbon Tetrachloride	5.684	117	59069	21.324	ug/l	95
39) Methylcyclohexane	7.385	83	59043	17.852	ug/l	93
40) Benzene	6.038	78	151543	19.779	ug/l	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.934	41	24325	19.677 ug/l #	85
42) 1,2-Dichloroethane	6.092	62	56628	22.405 ug/l	98
43) Isopropyl Acetate	6.348	43	79531	21.946 ug/l #	94
44) Trichloroethene	7.129	130	51149	21.091 ug/l	84
45) 1,2-Dichloropropane	7.434	63	37751	19.222 ug/l #	88
46) Dibromomethane	7.586	93	31056	21.128 ug/l #	89
47) Bromodichloromethane	7.824	83	59056	21.505 ug/l	96
48) Methyl methacrylate	7.696	41	36056	19.708 ug/l #	82
49) 1,4-Dioxane	7.684	88	22134	397.757 ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	232046	99.606 ug/l	88
52) Toluene	8.720	92	99743	20.074 ug/l	99
53) t-1,3-Dichloropropene	8.982	75	60551	22.269 ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	63967	21.039 ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	44490	21.061 ug/l	94
56) Ethyl methacrylate	9.116	69	61977	21.461 ug/l #	85
57) 1,3-Dichloropropane	9.311	76	72365	21.666 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	134306	93.135 ug/l #	88
59) 2-Hexanone	9.433	43	185148	105.095 ug/l	89
60) Dibromochloromethane	9.525	129	50302	22.933 ug/l	98
61) 1,2-Dibromoethane	9.610	107	49745	22.306 ug/l	100
64) Tetrachloroethene	9.275	164	44607	18.562 ug/l	97
65) Chlorobenzene	10.079	112	113905	19.815 ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	46691	21.997 ug/l	97
67) Ethyl Benzene	10.195	91	195901	19.892 ug/l	98
68) m/p-Xylenes	10.305	106	155246	40.194 ug/l	100
69) o-Xylene	10.646	106	78255	20.658 ug/l	94
70) Styrene	10.659	104	129221	21.079 ug/l	99
71) Bromoform	10.799	173	36813	22.305 ug/l #	97
73) Isopropylbenzene	10.963	105	205254	20.266 ug/l	100
74) N-amyl acetate	10.848	43	58717	19.207 ug/l #	81
75) 1,1,2,2-Tetrachloroethane	11.213	83	63606	19.639 ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	61526m	20.715 ug/l	
77) Bromobenzene	11.201	156	54127	20.728 ug/l	85
78) n-propylbenzene	11.305	91	231026	20.028 ug/l	97
79) 2-Chlorotoluene	11.366	91	142376	20.044 ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	180270	21.151 ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20090	21.258 ug/l	96
82) 4-Chlorotoluene	11.457	91	175473	22.078 ug/l	99
83) tert-Butylbenzene	11.719	119	191095	22.527 ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	203923	24.072 ug/l	94
85) sec-Butylbenzene	11.890	105	214724	19.325 ug/l	98
86) p-Isopropyltoluene	12.006	119	190016	21.594 ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101282	20.249 ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	106054	21.290 ug/l	96
89) n-Butylbenzene	12.335	91	161337	20.334 ug/l	97
90) Hexachloroethane	12.542	117	35981	22.563 ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	117704	22.944 ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18955	24.020 ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	74230	22.863 ug/l	97
94) Hexachlorobutadiene	13.725	225	29070	20.449 ug/l	95
95) Naphthalene	13.780	128	259889	22.821 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76065	22.334 ug/l	92

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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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