Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
Data File : VX037659.D
Acq On : 12 Sep 2023 11:18
Operator : JC/MD
Sample : VX0912WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 11:44:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0912WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	207849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154202	45.855	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.700%			
35) Dibromofluoromethane	5.385	113	125706	50.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.647	98	507320	53.721	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.440%			
62) 4-Bromofluorobenzene	11.079	95	183687	53.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	42978	19.340	ug/l	94
3) Chloromethane	1.300	50	46400	17.802	ug/l	96
4) Vinyl Chloride	1.374	62	52749	18.389	ug/l	99
5) Bromomethane	1.605	94	45166	18.490	ug/l	99
6) Chloroethane	1.685	64	37196	19.071	ug/l	99
7) Trichlorofluoromethane	1.886	101	86912	17.865	ug/l	99
8) Diethyl Ether	2.136	74	32970	16.770	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	40111	18.641	ug/l	99
10) Methyl Iodide	2.453	142	46970	18.363	ug/l	94
11) Tert butyl alcohol	2.959	59	60337	79.265	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	38230	18.085	ug/l	94
13) Acrolein	2.233	56	49423	89.951	ug/l	98
14) Allyl chloride	2.666	41	67429	17.926	ug/l	97
15) Acrylonitrile	3.062	53	131254	82.992	ug/l	98
16) Acetone	2.380	43	122289	87.968	ug/l	93
17) Carbon Disulfide	2.514	76	92463	16.968	ug/l	98
18) Methyl Acetate	2.703	43	96137	16.500	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	148120	17.357	ug/l	97
20) Methylene Chloride	2.788	84	50310	18.299	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	44238	17.648	ug/l	93
22) Diisopropyl ether	3.763	45	152800	18.611	ug/l #	85
23) Vinyl Acetate	3.721	43	536953	89.139	ug/l	97
24) 1,1-Dichloroethane	3.611	63	86763	18.063	ug/l	99
25) 2-Butanone	4.556	43	185377	83.051	ug/l	94
26) 2,2-Dichloropropane	4.471	77	67418	20.271	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	53107	17.716	ug/l	95
28) Bromochloromethane	4.897	49	44252	18.169	ug/l	91
29) Tetrahydrofuran	5.007	42	118558	82.350	ug/l	91
30) Chloroform	5.086	83	93972	18.044	ug/l	99
31) Cyclohexane	5.470	56	73485	18.977	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	80031	18.296	ug/l	100
36) 1,1-Dichloropropene	5.690	75	64590	18.705	ug/l	98
37) Ethyl Acetate	4.714	43	71802	18.030	ug/l	97
38) Carbon Tetrachloride	5.678	117	65788	19.076	ug/l	96
39) Methylcyclohexane	7.379	83	81120	19.973	ug/l	96
40) Benzene	6.037	78	200765	19.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36286	17.151 ug/l #	88
42) 1,2-Dichloroethane	6.092	62	74120	18.218 ug/l	99
43) Isopropyl Acetate	6.342	43	115446	18.339 ug/l	99
44) Trichloroethene	7.123	130	49582	19.349 ug/l	94
45) 1,2-Dichloropropane	7.427	63	52838	19.179 ug/l	99
46) Dibromomethane	7.580	93	36530	18.174 ug/l	97
47) Bromodichloromethane	7.818	83	67748	18.806 ug/l	99
48) Methyl methacrylate	7.696	41	54950	17.873 ug/l	88
49) 1,4-Dioxane	7.659	88	25952	338.893 ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	380948	91.781 ug/l	97
52) Toluene	8.720	92	134646	20.267 ug/l	94
53) t-1,3-Dichloropropene	8.976	75	71136	19.536 ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	78147	19.679 ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	53559	18.748 ug/l	94
56) Ethyl methacrylate	9.116	69	81210	18.916 ug/l	94
57) 1,3-Dichloropropane	9.305	76	87584	18.417 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	202518	97.736 ug/l	98
59) 2-Hexanone	9.427	43	300264	94.314 ug/l	96
60) Dibromochloromethane	9.518	129	52663	18.992 ug/l	100
61) 1,2-Dibromoethane	9.610	107	55656	18.476 ug/l	99
64) Tetrachloroethene	9.275	164	43487	19.629 ug/l	99
65) Chlorobenzene	10.079	112	144992	19.447 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50787	19.518 ug/l	99
67) Ethyl Benzene	10.195	91	265471	20.022 ug/l	99
68) m/p-Xylenes	10.299	106	203264	40.234 ug/l	100
69) o-Xylene	10.640	106	101371	20.235 ug/l	100
70) Styrene	10.652	104	163677	19.804 ug/l	97
71) Bromoform	10.799	173	36091	18.145 ug/l #	99
73) Isopropylbenzene	10.963	105	267257	20.283 ug/l	98
74) N-amyl acetate	10.841	43	108646	18.678 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	89908	17.997 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70208m	17.739 ug/l	
77) Bromobenzene	11.195	156	61238	19.365 ug/l	95
78) n-propylbenzene	11.305	91	309899	20.378 ug/l	100
79) 2-Chlorotoluene	11.366	91	187248	20.021 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	226569	20.355 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22215	17.543 ug/l	97
82) 4-Chlorotoluene	11.451	91	212569	19.970 ug/l	98
83) tert-Butylbenzene	11.713	119	224128	20.194 ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	230315	20.602 ug/l	99
85) sec-Butylbenzene	11.890	105	281160	20.439 ug/l	100
86) p-Isopropyltoluene	12.012	119	235047	20.750 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118203	19.673 ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	118747	19.413 ug/l	98
89) n-Butylbenzene	12.329	91	209362	20.646 ug/l	96
90) Hexachloroethane	12.536	117	38823	20.272 ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	118814	19.447 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18107	17.257 ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	70921	19.985 ug/l	96
94) Hexachlorobutadiene	13.725	225	31713	20.619 ug/l	97
95) Naphthalene	13.774	128	240613	18.731 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71483	19.534 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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