Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
Data File : VX037841.D
Acq On : 21 Sep 2023 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 22 04:37:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	264985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	418249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170334	48.925	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.860%			
35) Dibromofluoromethane	5.379	113	148557	53.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.160%			
50) Toluene-d8	8.647	98	554716	53.347	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.700%			
62) 4-Bromofluorobenzene	11.079	95	217044	57.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	141650	50.716	ug/l	97
3) Chloromethane	1.294	50	143358	47.174	ug/l	97
4) Vinyl Chloride	1.374	62	162997	49.717	ug/l	99
5) Bromomethane	1.599	94	127639	54.382	ug/l	100
6) Chloroethane	1.685	64	108824	48.183	ug/l	99
7) Trichlorofluoromethane	1.886	101	277648	52.677	ug/l	100
8) Diethyl Ether	2.130	74	100058	48.999	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	146382	54.724	ug/l	96
10) Methyl Iodide	2.453	142	170717	48.227	ug/l	92
11) Tert butyl alcohol	2.953	59	155918	208.643	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	132590	51.289	ug/l	87
13) Acrolein	2.233	56	190714	258.329	ug/l	99
14) Allyl chloride	2.660	41	216298	50.236	ug/l #	95
15) Acrylonitrile	3.056	53	393072	236.575	ug/l	99
16) Acetone	2.374	43	398114	237.706	ug/l #	89
17) Carbon Disulfide	2.514	76	322790	49.802	ug/l	100
18) Methyl Acetate	2.697	43	285101	47.189	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	481002	50.580	ug/l	100
20) Methylene Chloride	2.788	84	159595	51.543	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	151689	52.842	ug/l	89
22) Diisopropyl ether	3.757	45	462668	51.588	ug/l #	87
23) Vinyl Acetate	3.715	43	1711521	259.446	ug/l	95
24) 1,1-Dichloroethane	3.605	63	273941	50.972	ug/l	100
25) 2-Butanone	4.550	43	546639	231.290	ug/l	91
26) 2,2-Dichloropropane	4.471	77	238746	54.978	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	182053	51.731	ug/l	90
28) Bromochloromethane	4.891	49	111635	44.525	ug/l	83
29) Tetrahydrofuran	4.995	42	334246	227.363	ug/l	89
30) Chloroform	5.086	83	299496	51.731	ug/l	97
31) Cyclohexane	5.464	56	234723	52.528	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	264465	53.949	ug/l	97
36) 1,1-Dichloropropene	5.690	75	214992	55.768	ug/l	96
37) Ethyl Acetate	4.702	43	209634	49.464	ug/l	97
38) Carbon Tetrachloride	5.672	117	231321	57.348	ug/l	98
39) Methylcyclohexane	7.379	83	281322	57.497	ug/l	92
40) Benzene	6.031	78	631951	53.307	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	113198	52.383	ug/l	#	90
42) 1,2-Dichloroethane	6.080	62	226960	52.969	ug/l		96
43) Isopropyl Acetate	6.336	43	353983	52.234	ug/l		96
44) Trichloroethene	7.123	130	173832	52.653	ug/l		97
45) 1,2-Dichloropropane	7.428	63	165364	53.713	ug/l		100
46) Dibromomethane	7.580	93	121435	54.833	ug/l		93
47) Bromodichloromethane	7.818	83	234394	57.468	ug/l		99
48) Methyl methacrylate	7.690	41	167858	51.814	ug/l	#	87
49) 1,4-Dioxane	7.653	88	76119	896.247	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.574	43	1080946	251.405	ug/l		95
52) Toluene	8.714	92	418786	54.813	ug/l		95
53) t-1,3-Dichloropropene	8.976	75	260337	61.044	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	272514	57.737	ug/l	#	88
55) 1,1,2-Trichloroethane	9.153	97	175599	54.513	ug/l		97
56) Ethyl methacrylate	9.116	69	264934	55.092	ug/l		91
57) 1,3-Dichloropropane	9.305	76	282132	54.125	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	537491	239.361	ug/l		99
59) 2-Hexanone	9.427	43	853686	255.007	ug/l		93
60) Dibromochloromethane	9.519	129	191677	59.732	ug/l		99
61) 1,2-Dibromoethane	9.610	107	188901	55.387	ug/l		100
64) Tetrachloroethene	9.269	164	150320	54.426	ug/l		97
65) Chlorobenzene	10.079	112	465005	53.232	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	176396	56.981	ug/l		99
67) Ethyl Benzene	10.189	91	842465	55.626	ug/l		100
68) m/p-Xylenes	10.299	106	656868	112.241	ug/l		97
69) o-Xylene	10.640	106	322228	54.907	ug/l		98
70) Styrene	10.653	104	545636	57.915	ug/l		95
71) Bromoform	10.799	173	144875	59.241	ug/l	#	99
73) Isopropylbenzene	10.963	105	854947	50.311	ug/l		98
74) N-amyl acetate	10.842	43	341856	49.673	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	287088	48.037	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	264651m	49.400	ug/l		
77) Bromobenzene	11.195	156	214291	50.948	ug/l		88
78) n-propylbenzene	11.305	91	1035410	53.952	ug/l		99
79) 2-Chlorotoluene	11.360	91	597371	50.483	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	746671	52.030	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	88640	53.002	ug/l		86
82) 4-Chlorotoluene	11.451	91	705360	52.947	ug/l		95
83) tert-Butylbenzene	11.713	119	747736	51.554	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	745782	52.232	ug/l		98
85) sec-Butylbenzene	11.890	105	959509	54.529	ug/l		99
86) p-Isopropyltoluene	12.006	119	815488	55.626	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	421795	53.798	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	428796	53.446	ug/l		97
89) n-Butylbenzene	12.329	91	778029	60.581	ug/l		97
90) Hexachloroethane	12.536	117	140240	56.458	ug/l		86
91) 1,2-Dichlorobenzene	12.335	146	415946	51.961	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	58855	49.403	ug/l		77
93) 1,2,4-Trichlorobenzene	13.585	180	282991	60.015	ug/l		97
94) Hexachlorobutadiene	13.725	225	130925	59.457	ug/l		99
95) Naphthalene	13.774	128	860841	53.981	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	274029	56.472	ug/l		98

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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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