Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
Data File : VX037744.D
Acq On : 15 Sep 2023 09:25
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 04:27:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:24:04 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	230663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	385483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	17068	5.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.260%#		
35) Dibromofluoromethane	5.385	113	13849	5.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.740%#		
50) Toluene-d8	8.647	98	51081	5.330	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.079	95	16842	4.836	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.680%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	12755	5.246	ug/l	95
3) Chloromethane	1.300	50	14208	5.371	ug/l	98
4) Vinyl Chloride	1.374	62	15185	5.321	ug/l	99
5) Bromomethane	1.599	94	11619	5.687	ug/l	100
6) Chloroethane	1.678	64	11131	5.662	ug/l	95
7) Trichlorofluoromethane	1.886	101	24003	5.232	ug/l	98
8) Diethyl Ether	2.136	74	9025	5.077	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	12396	5.324	ug/l	99
10) Methyl Iodide	2.453	142	14892	4.833	ug/l	96
11) Tert butyl alcohol	2.965	59	17820	27.394	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	11640	5.173	ug/l	88
13) Acrolein	2.239	56	17996	28.003	ug/l	96
14) Allyl chloride	2.660	41	18274	4.876	ug/l	95
15) Acrylonitrile	3.068	53	37486	25.918	ug/l	98
16) Acetone	2.379	43	36084	24.751	ug/l	96
17) Carbon Disulfide	2.514	76	27542	4.882	ug/l	98
18) Methyl Acetate	2.703	43	26630	5.064	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	41239	4.982	ug/l	99
20) Methylene Chloride	2.788	84	14928	5.516	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	12932	5.175	ug/l	90
22) Diisopropyl ether	3.757	45	39733	5.089	ug/l	90
23) Vinyl Acetate	3.727	43	138801	24.171	ug/l	97
24) 1,1-Dichloroethane	3.611	63	23663	5.058	ug/l	99
25) 2-Butanone	4.562	43	51403	24.992	ug/l	90
26) 2,2-Dichloropropane	4.477	77	18404	4.869	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	15622	5.100	ug/l	90
28) Bromochloromethane	4.903	49	11834	5.422	ug/l	87
29) Tetrahydrofuran	5.013	42	32082	25.072	ug/l	88
30) Chloroform	5.098	83	26068	5.173	ug/l	100
31) Cyclohexane	5.470	56	21018	5.403	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	20946	4.909	ug/l	98
36) 1,1-Dichloropropene	5.690	75	17175	4.834	ug/l	96
37) Ethyl Acetate	4.721	43	19394	5.084	ug/l	96
38) Carbon Tetrachloride	5.672	117	18195	4.894	ug/l	87
39) Methylcyclohexane	7.379	83	22623	5.017	ug/l	96
40) Benzene	6.037	78	55395	5.070	ug/l	98

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Quant Title : SW846 8260
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/18/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	9904	4.973	ug/l	#	89
42) 1,2-Dichloroethane	6.092	62	20305	5.126	ug/l		99
43) Isopropyl Acetate	6.348	43	29617	4.742	ug/l		97
44) Trichloroethene	7.129	130	15170	4.986	ug/l		97
45) 1,2-Dichloropropane	7.433	63	14511	5.114	ug/l		95
46) Dibromomethane	7.586	93	10046	4.922	ug/l		92
47) Bromodichloromethane	7.824	83	17486	4.652	ug/l		98
48) Methyl methacrylate	7.696	41	13914	4.660	ug/l	#	85
49) 1,4-Dioxane	7.665	88	8115	103.670	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.573	43	100502	25.361	ug/l		98
52) Toluene	8.720	92	35390	5.026	ug/l		96
53) t-1,3-Dichloropropene	8.982	75	16691	4.266	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	19230	4.421	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	14425	4.859	ug/l		94
56) Ethyl methacrylate	9.116	69	20968	4.731	ug/l		95
57) 1,3-Dichloropropane	9.311	76	24170	5.031	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	50403	24.354	ug/l		99
59) 2-Hexanone	9.433	43	77265	25.042	ug/l		96
60) Dibromochloromethane	9.518	129	12934	4.373	ug/l		98
61) 1,2-Dibromoethane	9.610	107	15264	4.856	ug/l		98
64) Tetrachloroethene	9.275	164	12459	5.140	ug/l		98
65) Chlorobenzene	10.079	112	38141	4.975	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	12850	4.730	ug/l		98
67) Ethyl Benzene	10.195	91	66799	5.026	ug/l		100
68) m/p-Xylenes	10.305	106	51407	10.009	ug/l		94
69) o-Xylene	10.640	106	25530	4.957	ug/l		100
70) Styrene	10.658	104	39479	4.775	ug/l		98
71) Bromoform	10.799	173	9165	4.276	ug/l	#	95
73) Isopropylbenzene	10.963	105	66009	5.183	ug/l		100
74) N-amyl acetate	10.841	43	24833	4.815	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.213	83	23455	5.237	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	20298m	4.778	ug/l		
77) Bromobenzene	11.201	156	15488	4.913	ug/l		90
78) n-propylbenzene	11.305	91	72601	5.048	ug/l		100
79) 2-Chlorotoluene	11.366	91	45876	5.173	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	54841	5.099	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	4909	3.917	ug/l		95
82) 4-Chlorotoluene	11.457	91	50042	5.012	ug/l		97
83) tert-Butylbenzene	11.713	119	54681	5.031	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	54337	5.078	ug/l		97
85) sec-Butylbenzene	11.890	105	66893	5.073	ug/l		100
86) p-Isopropyltoluene	12.012	119	54475	4.966	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	28865	4.912	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	29932	4.993	ug/l		98
89) n-Butylbenzene	12.335	91	45218	4.698	ug/l		96
90) Hexachloroethane	12.536	117	8445	4.537	ug/l		88
91) 1,2-Dichlorobenzene	12.335	146	30185	5.032	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4192	4.695	ug/l		84
93) 1,2,4-Trichlorobenzene	13.591	180	15835	4.481	ug/l		98
94) Hexachlorobutadiene	13.725	225	7809	4.735	ug/l		96
95) Naphthalene	13.774	128	56531	4.730	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	16959	4.663	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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Instrument :
MSVOA_X
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