Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
Data File : VX031162.D
Acq On : 07 Sep 2022 16:23
Operator : JC/MD
Sample : VX0907WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 07 23:25:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.555	168	52932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68115	54.353	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.700%			
35) Dibromofluoromethane	5.391	113	52133	55.013	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.020%			
50) Toluene-d8	8.652	98	184681	53.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.280%			
62) 4-Bromofluorobenzene	11.079	95	71854	56.948	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20074	23.599	ug/l	89
3) Chloromethane	1.288	50	13881	21.236	ug/l	99
4) Vinyl Chloride	1.373	62	16270	21.085	ug/l	97
5) Bromomethane	1.611	94	11360	23.042	ug/l	87
6) Chloroethane	1.684	64	9744	22.511	ug/l	98
7) Trichlorofluoromethane	1.885	101	37125	22.080	ug/l	98
8) Diethyl Ether	2.135	74	10377	21.729	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.330	101	20453	21.511	ug/l	96
10) Methyl Iodide	2.452	142	21976	18.692	ug/l #	84
11) Tert butyl alcohol	3.013	59	27081m	105.349	ug/l	
12) 1,1-Dichloroethene	2.318	96	18391	20.579	ug/l	85
13) Acrolein	2.239	56	18084	103.904	ug/l	100
14) Allyl chloride	2.666	41	25081	20.891	ug/l #	80
15) Acrylonitrile	3.068	53	51057	106.996	ug/l	98
16) Acetone	2.391	43	47426	109.298	ug/l	90
17) Carbon Disulfide	2.507	76	47154	21.461	ug/l	96
18) Methyl Acetate	2.708	43	24268	21.604	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	68964	21.726	ug/l	92
20) Methylene Chloride	2.788	84	21278	20.864	ug/l	90
21) trans-1,2-Dichloroethene	3.092	96	20415	20.617	ug/l	93
22) Diisopropyl ether	3.763	45	54650	21.678	ug/l #	92
23) Vinyl Acetate	3.720	43	226083	106.843	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	35950	21.499	ug/l	96
25) 2-Butanone	4.568	43	68926	107.239	ug/l	98
26) 2,2-Dichloropropane	4.476	77	32268	21.565	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	23272	20.470	ug/l	96
28) Bromochloromethane	4.903	49	13050	21.523	ug/l	84
29) Tetrahydrofuran	5.013	42	41853	110.294	ug/l #	83
30) Chloroform	5.098	83	41534	20.998	ug/l	96
31) Cyclohexane	5.470	56	30011	21.430	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	38799	21.764	ug/l	96
36) 1,1-Dichloropropene	5.696	75	30415	21.432	ug/l	95
37) Ethyl Acetate	4.714	43	26252	20.852	ug/l	96
38) Carbon Tetrachloride	5.677	117	32480	21.753	ug/l	94
39) Methylcyclohexane	7.378	83	34504	21.288	ug/l	94
40) Benzene	6.037	78	80832	20.967	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.921	41	14182	21.543	ug/l		91
42) 1,2-Dichloroethane	6.092	62	34071	21.586	ug/l		98
43) Isopropyl Acetate	6.342	43	41463	20.888	ug/l	#	94
44) Trichloroethene	7.128	130	23291	21.493	ug/l		97
45) 1,2-Dichloropropane	7.427	63	19773	20.870	ug/l		99
46) Dibromomethane	7.586	93	16020	21.323	ug/l		95
47) Bromodichloromethane	7.823	83	31320	21.431	ug/l		99
48) Methyl methacrylate	7.695	41	20900	21.622	ug/l		90
49) 1,4-Dioxane	7.701	88	11307	423.741	ug/l		94
51) 4-Methyl-2-Pentanone	8.573	43	130472	107.341	ug/l		91
52) Toluene	8.720	92	53894	21.195	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	33271	21.854	ug/l		93
54) cis-1,3-Dichloropropene	8.366	75	35669	21.823	ug/l		98
55) 1,1,2-Trichloroethane	9.152	97	22137	21.175	ug/l		97
56) Ethyl methacrylate	9.116	69	33335	21.643	ug/l		92
57) 1,3-Dichloropropane	9.311	76	37345	20.674	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	71910	99.063	ug/l		94
59) 2-Hexanone	9.433	43	99483	108.229	ug/l		91
60) Dibromochloromethane	9.524	129	23615	21.910	ug/l		98
61) 1,2-Dibromoethane	9.610	107	23934	20.602	ug/l		100
64) Tetrachloroethene	9.274	164	20795	21.751	ug/l		94
65) Chlorobenzene	10.079	112	56063	20.734	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.164	131	20987	19.872	ug/l		98
67) Ethyl Benzene	10.195	91	106583	21.752	ug/l		98
68) m/p-Xylenes	10.305	106	81188	44.697	ug/l		92
69) o-Xylene	10.646	106	39154	21.598	ug/l		91
70) Styrene	10.658	104	65605	22.568	ug/l		93
71) Bromoform	10.805	173	15032	21.362	ug/l	#	100
73) Isopropylbenzene	10.963	105	105971	21.354	ug/l		98
74) N-amyl acetate	10.841	43	32760	20.735	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	32340	20.876	ug/l		99
76) 1,2,3-Trichloropropane	11.243	75	30631m	19.639	ug/l		
77) Bromobenzene	11.201	156	23539	21.824	ug/l		98
78) n-propylbenzene	11.304	91	124530	22.014	ug/l		97
79) 2-Chlorotoluene	11.365	91	74744	21.327	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	89987	21.569	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.018	75	10057	20.794	ug/l		91
82) 4-Chlorotoluene	11.457	91	86085	21.230	ug/l		94
83) tert-Butylbenzene	11.719	119	86517	21.036	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	89621	22.096	ug/l		95
85) sec-Butylbenzene	11.890	105	108793	21.358	ug/l		98
86) p-Isopropyltoluene	12.012	119	91389	22.208	ug/l		95
87) 1,3-Dichlorobenzene	11.969	146	42893	21.397	ug/l		96
88) 1,4-Dichlorobenzene	12.042	146	44013	21.350	ug/l		97
89) n-Butylbenzene	12.335	91	79383	22.374	ug/l		99
90) Hexachloroethane	12.542	117	15099	21.355	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	42777	21.760	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7995	18.791	ug/l		88
93) 1,2,4-Trichlorobenzene	13.591	180	25032	21.775	ug/l		99
94) Hexachlorobutadiene	13.725	225	10433	21.372	ug/l		96
95) Naphthalene	13.774	128	95944	21.305	ug/l		99
96) 1,2,3-Trichlorobenzene	13.962	180	25173	21.508	ug/l		94

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Instrument :
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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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