Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
Data File : VX024734.D
Acq On : 12 Oct 2021 01:02
Operator : JC/MD
Sample : VX1011WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1011WBSD02

Manual Integrations APPROVED
MMDadoda
10/12/2021 11:29:01 AM

Quant Time: Oct 12 06:57:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	134858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88873	46.759	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117			Recovery = 93.520%		
35) Dibromofluoromethane	5.397	113	65820	45.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124			Recovery = 91.960%		
50) Toluene-d8	8.653	98	242154	45.960	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112			Recovery = 91.920%#		
62) 4-Bromofluorobenzene	11.085	95	93217	44.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123			Recovery = 90.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27454	20.232	ug/l	96
3) Chloromethane	1.294	50	22203	17.358	ug/l	100
4) Vinyl Chloride	1.374	62	24267	18.137	ug/l	99
5) Bromomethane	1.599	94	17607	19.552	ug/l	99
6) Chloroethane	1.685	64	15417	17.469	ug/l	93
7) Trichlorofluoromethane	1.886	101	40525	17.163	ug/l	99
8) Diethyl Ether	2.136	74	13388	16.658	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	22829	17.146	ug/l	95
10) Methyl Iodide	2.453	142	26981	14.483	ug/l	91
11) Tert butyl alcohol	2.971	59	32630	64.647	ug/l	98
12) 1,1-Dichloroethene	2.319	96	21463	17.362	ug/l	89
13) Acrolein	2.239	56	9823	101.771	ug/l	92
14) Allyl chloride	2.666	41	36672	16.226	ug/l	88
15) Acrylonitrile	3.068	53	71242	82.507	ug/l	99
16) Acetone	2.386	43	76149	88.401	ug/l	90
17) Carbon Disulfide	2.514	76	51146	16.204	ug/l	99
18) Methyl Acetate	2.709	43	49543	17.408	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	77889	16.718	ug/l	99
20) Methylene Chloride	2.794	84	26531	17.922	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	23975	17.079	ug/l	96
22) Diisopropyl ether	3.770	45	77998	16.891	ug/l	97
23) Vinyl Acetate	3.727	43	315377	84.342	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	44485	17.351	ug/l	99
25) 2-Butanone	4.568	43	119637	91.399	ug/l	93
26) 2,2-Dichloropropane	4.483	77	30657	13.293	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	27484	16.751	ug/l	95
28) Bromochloromethane	4.903	49	21654	18.605	ug/l	100
29) Tetrahydrofuran	5.013	42	68016	81.549	ug/l	90
30) Chloroform	5.099	83	48575	17.155	ug/l	91
31) Cyclohexane	5.477	56	38559	16.942	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	43695	17.382	ug/l	98
36) 1,1-Dichloropropene	5.702	75	34385	16.645	ug/l	98
37) Ethyl Acetate	4.721	43	40074	15.538	ug/l	96
38) Carbon Tetrachloride	5.684	117	38238	17.004	ug/l	99
39) Methylcyclohexane	7.385	83	37423	15.471	ug/l	94
40) Benzene	6.044	78	101860	17.244	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	21046	15.801	ug/l		92
42) 1,2-Dichloroethane	6.092	62	42883	17.286	ug/l		95
43) Isopropyl Acetate	6.348	43	64302	16.399	ug/l		92
44) Trichloroethene	7.129	130	28097	17.288	ug/l		94
45) 1,2-Dichloropropane	7.440	63	25553	16.767	ug/l		96
46) Dibromomethane	7.586	93	18675	16.342	ug/l		100
47) Bromodichloromethane	7.830	83	35225	16.819	ug/l	#	97
48) Methyl methacrylate	7.696	41	33843	17.431	ug/l		84
49) 1,4-Dioxane	7.665	88	13735	308.853	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.580	43	235909	91.134	ug/l		90
52) Toluene	8.720	92	66393	17.399	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	36401	15.334	ug/l		100
54) cis-1,3-Dichloropropene	8.372	75	39460	16.348	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	27461	17.405	ug/l		98
56) Ethyl methacrylate	9.122	69	36750	14.634	ug/l	#	81
57) 1,3-Dichloropropane	9.311	76	45757	17.188	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.244	63	117922	95.130	ug/l		98
59) 2-Hexanone	9.433	43	184499	90.504	ug/l		87
60) Dibromochloromethane	9.525	129	26808	15.806	ug/l		99
61) 1,2-Dibromoethane	9.616	107	29811	17.210	ug/l		99
64) Tetrachloroethene	9.275	164	27657	19.928	ug/l		95
65) Chlorobenzene	10.085	112	71246	17.055	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	26621	17.099	ug/l		99
67) Ethyl Benzene	10.195	91	124580	16.847	ug/l		100
68) m/p-Xylenes	10.305	106	95148	33.555	ug/l		97
69) o-Xylene	10.646	106	45627	16.272	ug/l		97
70) Styrene	10.659	104	73487	15.673	ug/l		97
71) Bromoform	10.805	173	18398	15.250	ug/l	#	99
73) Isopropylbenzene	10.963	105	124953	17.450	ug/l		99
74) N-amyl acetate	10.848	43	52737	16.011	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.213	83	42520	16.791	ug/l		97
76) 1,2,3-Trichloropropane	11.244	75	39416m	17.135	ug/l		
77) Bromobenzene	11.201	156	32074	17.407	ug/l		95
78) n-propylbenzene	11.305	91	140501	16.784	ug/l		100
79) 2-Chlorotoluene	11.366	91	85846	16.835	ug/l		98
80) 1,3,5-Trimethylbenzene	11.457	105	107770	17.617	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.024	75	10768	14.338	ug/l	#	82
82) 4-Chlorotoluene	11.457	91	100158	16.694	ug/l		99
83) tert-Butylbenzene	11.719	119	101813	16.601	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	109133	17.942	ug/l		98
85) sec-Butylbenzene	11.896	105	120857	16.018	ug/l		100
86) p-Isopropyltoluene	12.012	119	111173	17.280	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	56877	16.208	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	57472	15.855	ug/l		97
89) n-Butylbenzene	12.335	91	92413	16.222	ug/l		96
90) Hexachloroethane	12.542	117	16841	15.918	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	56215	16.204	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9523	15.574	ug/l		88
93) 1,2,4-Trichlorobenzene	13.591	180	35188	15.932	ug/l		98
94) Hexachlorobutadiene	13.725	225	15736	15.575	ug/l		99
95) Naphthalene	13.780	128	116190	16.435	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	35538	15.702	ug/l		97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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