Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
Data File : VX029109.D
Acq On : 01 Jun 2022 11:34
Operator : JC/MD
Sample : VX0601WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Quant Time: Jun 02 04:43:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	285041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447213	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163074	50.735	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.460%			
35) Dibromofluoromethane	5.385	113	151557	51.021	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.040%			
50) Toluene-d8	8.653	98	555982	51.175	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.360%			
62) 4-Bromofluorobenzene	11.079	95	203979	48.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	54572	22.019	ug/l	99
3) Chloromethane	1.294	50	55717	21.485	ug/l	99
4) Vinyl Chloride	1.373	62	61665	21.623	ug/l	100
5) Bromomethane	1.605	94	33014	22.941	ug/l	99
6) Chloroethane	1.684	64	41568	18.595	ug/l	98
7) Trichlorofluoromethane	1.885	101	95128	21.463	ug/l	97
8) Diethyl Ether	2.135	74	36220	21.323	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.330	101	56734	21.582	ug/l	95
10) Methyl Iodide	2.452	142	64853	22.651	ug/l	98
11) Tert butyl alcohol	2.971	59	68860	92.480	ug/l	99
12) 1,1-Dichloroethene	2.318	96	54047	21.038	ug/l	93
13) Acrolein	2.239	56	27888	82.663	ug/l	95
14) Allyl chloride	2.666	41	77524	20.093	ug/l	99
15) Acrylonitrile	3.068	53	164777	107.478	ug/l	99
16) Acetone	2.379	43	131989	104.282	ug/l	100
17) Carbon Disulfide	2.513	76	130315	18.494	ug/l	100
18) Methyl Acetate	2.702	43	70353	21.492	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	181019	20.768	ug/l	99
20) Methylene Chloride	2.788	84	62396	21.145	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	60436	20.852	ug/l	98
22) Diisopropyl ether	3.763	45	166340	21.554	ug/l	90
23) Vinyl Acetate	3.720	43	689242	106.941	ug/l	99
24) 1,1-Dichloroethane	3.611	63	102089	21.381	ug/l	99
25) 2-Butanone	4.562	43	213488	104.564	ug/l	99
26) 2,2-Dichloropropane	4.483	77	74994	19.145	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	70707	20.456	ug/l	92
28) Bromochloromethane	4.897	49	39876	20.756	ug/l	86
29) Tetrahydrofuran	5.007	42	138776	105.993	ug/l	99
30) Chloroform	5.098	83	114027	21.542	ug/l	99
31) Cyclohexane	5.470	56	88872	21.268	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	98441	20.538	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80933	21.175	ug/l	98
37) Ethyl Acetate	4.714	43	78668	21.237	ug/l	96
38) Carbon Tetrachloride	5.677	117	88753	20.319	ug/l	99
39) Methylcyclohexane	7.384	83	100366	21.242	ug/l	95
40) Benzene	6.043	78	247113	21.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.921	41	43153	21.568	ug/l		97
42) 1,2-Dichloroethane	6.092	62	83341	21.709	ug/l		99
43) Isopropyl Acetate	6.348	43	117689	20.308	ug/l		100
44) Trichloroethene	7.128	130	72380	21.162	ug/l		98
45) 1,2-Dichloropropane	7.433	63	60180	22.059	ug/l		98
46) Dibromomethane	7.586	93	45279	21.305	ug/l		96
47) Bromodichloromethane	7.823	83	86298	20.598	ug/l		99
48) Methyl methacrylate	7.695	41	59013	20.935	ug/l		96
49) 1,4-Dioxane	7.671	88	35953	416.808	ug/l		96
51) 4-Methyl-2-Pentanone	8.573	43	407842	105.812	ug/l		99
52) Toluene	8.720	92	165313	21.861	ug/l		96
53) t-1,3-Dichloropropene	8.982	75	81630	18.958	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	95007	20.166	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	66383	21.097	ug/l		98
56) Ethyl methacrylate	9.116	69	91488	20.484	ug/l		98
57) 1,3-Dichloropropane	9.311	76	108313	21.596	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	222619	105.182	ug/l		94
59) 2-Hexanone	9.433	43	312630	104.222	ug/l		97
60) Dibromochloromethane	9.524	129	69764	19.481	ug/l		97
61) 1,2-Dibromoethane	9.610	107	71207	20.923	ug/l		98
64) Tetrachloroethene	9.274	164	68220	21.969	ug/l		98
65) Chlorobenzene	10.079	112	179555	21.193	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.164	131	66056	20.226	ug/l		98
67) Ethyl Benzene	10.195	91	301832	21.202	ug/l		96
68) m/p-Xylenes	10.305	106	245180	42.885	ug/l		98
69) o-Xylene	10.646	106	119368	21.126	ug/l		98
70) Styrene	10.658	104	201939	21.475	ug/l		98
71) Bromoform	10.798	173	50251	17.822	ug/l	#	100
73) Isopropylbenzene	10.963	105	312375	22.071	ug/l		99
74) N-amyl acetate	10.841	43	92053	20.086	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	102671	21.519	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	90271m	21.143	ug/l		
77) Bromobenzene	11.201	156	78623	20.828	ug/l		93
78) n-propylbenzene	11.304	91	348413	22.133	ug/l		97
79) 2-Chlorotoluene	11.365	91	215992	21.708	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	266858	22.024	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	25541	17.551	ug/l		89
82) 4-Chlorotoluene	11.457	91	242371	21.279	ug/l		96
83) tert-Butylbenzene	11.719	119	262234	21.175	ug/l		98
84) 1,2,4-Trimethylbenzene	11.756	105	266027	21.995	ug/l		98
85) sec-Butylbenzene	11.890	105	320092	22.016	ug/l		99
86) p-Isopropyltoluene	12.012	119	275316	21.659	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	149197	20.970	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	148881	20.307	ug/l		98
89) n-Butylbenzene	12.335	91	217069	21.043	ug/l		98
90) Hexachloroethane	12.542	117	41662	18.026	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	150957	21.540	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	21542	20.221	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	90776	20.770	ug/l		97
94) Hexachlorobutadiene	13.725	225	39621	21.362	ug/l		94
95) Naphthalene	13.774	128	307607	22.010	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	93950	21.769	ug/l		95

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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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