Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
Data File : VX024253.D
Acq On : 15 Sep 2021 12:17
Operator : JC/MD
Sample : VX0915WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBSD01

Manual Integrations APPROVED
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9/22/2021 7:38:43 PM

Quant Time: Sep 22 07:41:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	160964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	255375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117088	51.012	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.391	113	85546	49.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.900%			
50) Toluene-d8	8.653	98	311642	49.950	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.900%			
62) 4-Bromofluorobenzene	11.086	95	123869	51.016	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	32703	21.136	ug/l	99
3) Chloromethane	1.295	50	32384	20.042	ug/l	100
4) Vinyl Chloride	1.374	62	32500	20.211	ug/l	98
5) Bromomethane	1.599	94	24758	25.862	ug/l	93
6) Chloroethane	1.685	64	21979	20.692	ug/l	99
7) Trichlorofluoromethane	1.886	101	57547	21.334	ug/l	96
8) Diethyl Ether	2.136	74	20787	22.270	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	33591	21.197	ug/l	95
10) Methyl Iodide	2.453	142	44434	20.268	ug/l	92
11) Tert butyl alcohol	2.971	59	54065	98.843	ug/l	100
12) 1,1-Dichloroethene	2.319	96	30416	20.494	ug/l	88
13) Acrolein	2.240	56	13724	90.720	ug/l	93
14) Allyl chloride	2.666	41	56799	21.058	ug/l	91
15) Acrylonitrile	3.069	53	105051	111.898	ug/l	98
16) Acetone	2.386	43	102530	104.762	ug/l #	87
17) Carbon Disulfide	2.514	76	72529	19.500	ug/l	98
18) Methyl Acetate	2.709	43	68058	22.181	ug/l	91
19) Methyl tert-butyl Ether	3.124	73	119962	21.994	ug/l	97
20) Methylene Chloride	2.794	84	39623	21.083	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	33596	20.677	ug/l	92
22) Diisopropyl ether	3.770	45	119405	22.539	ug/l	96
23) Vinyl Acetate	3.727	43	486964	113.211	ug/l	95
24) 1,1-Dichloroethane	3.611	63	66318	21.334	ug/l	96
25) 2-Butanone	4.568	43	158060	109.649	ug/l	94
26) 2,2-Dichloropropane	4.483	77	54964	20.187	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39523	21.063	ug/l	92
28) Bromochloromethane	4.898	49	26806	21.164	ug/l	94
29) Tetrahydrofuran	5.013	42	99986	110.818	ug/l	90
30) Chloroform	5.099	83	71004	21.479	ug/l	97
31) Cyclohexane	5.471	56	56122	20.903	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	62520	21.132	ug/l	98
36) 1,1-Dichloropropene	5.696	75	49417	21.047	ug/l	98
37) Ethyl Acetate	4.721	43	59481	21.741	ug/l	95
38) Carbon Tetrachloride	5.684	117	53999	20.434	ug/l	96
39) Methylcyclohexane	7.385	83	61440	21.918	ug/l	97
40) Benzene	6.044	78	144187	21.411	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	32817	22.493	ug/l		92
42) 1,2-Dichloroethane	6.093	62	63553	22.632	ug/l		93
43) Isopropyl Acetate	6.349	43	94577	21.717	ug/l		93
44) Trichloroethene	7.129	130	39756	21.012	ug/l		98
45) 1,2-Dichloropropane	7.434	63	38064	21.416	ug/l		94
46) Dibromomethane	7.586	93	28715	22.071	ug/l		95
47) Bromodichloromethane	7.824	83	51968	21.482	ug/l		99
48) Methyl methacrylate	7.696	41	47718	21.960	ug/l		86
49) 1,4-Dioxane	7.659	88	19914	437.684	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.574	43	315118	113.551	ug/l		90
52) Toluene	8.720	92	93942	21.285	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	58616	21.366	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	61602	21.698	ug/l	#	90
55) 1,1,2-Trichloroethane	9.153	97	40840	21.727	ug/l		98
56) Ethyl methacrylate	9.116	69	61403	20.399	ug/l	#	81
57) 1,3-Dichloropropane	9.311	76	67938	22.193	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	154581	113.639	ug/l		97
59) 2-Hexanone	9.433	43	244962	113.284	ug/l		87
60) Dibromochloromethane	9.525	129	39727	19.719	ug/l		98
61) 1,2-Dibromoethane	9.610	107	42158	21.049	ug/l		98
64) Tetrachloroethene	9.275	164	40768	21.934	ug/l		95
65) Chlorobenzene	10.080	112	105990	21.472	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37976	20.759	ug/l		96
67) Ethyl Benzene	10.195	91	185829	21.521	ug/l		99
68) m/p-Xylenes	10.305	106	145991	44.162	ug/l		99
69) o-Xylene	10.647	106	70602	21.395	ug/l		98
70) Styrene	10.659	104	116832	21.824	ug/l		96
71) Bromoform	10.805	173	29228	19.841	ug/l	#	100
73) Isopropylbenzene	10.964	105	188148	20.500	ug/l		100
74) N-amyl acetate	10.848	43	81977	21.218	ug/l		91
75) 1,1,2,2-Tetrachloroethane	11.214	83	65261	21.979	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	60126m	21.216	ug/l		
77) Bromobenzene	11.201	156	46382	20.108	ug/l		97
78) n-propylbenzene	11.305	91	214993	20.736	ug/l		99
79) 2-Chlorotoluene	11.366	91	133846	20.783	ug/l		99
80) 1,3,5-Trimethylbenzene	11.457	105	161091	20.823	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	18841	19.553	ug/l	#	87
82) 4-Chlorotoluene	11.457	91	153379	20.932	ug/l		99
83) tert-Butylbenzene	11.720	119	155070	20.767	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	159401	20.946	ug/l		100
85) sec-Butylbenzene	11.896	105	197645	21.126	ug/l		99
86) p-Isopropyltoluene	12.012	119	164153	20.903	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	87422	21.159	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	87838	20.828	ug/l		97
89) n-Butylbenzene	12.335	91	142375	20.954	ug/l		98
90) Hexachloroethane	12.543	117	25038	19.789	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	88041	21.720	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13624	20.000	ug/l		88
93) 1,2,4-Trichlorobenzene	13.591	180	51148	21.413	ug/l		99
94) Hexachlorobutadiene	13.725	225	25469	21.352	ug/l		99
95) Naphthalene	13.780	128	164467	19.479	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	50055	20.790	ug/l		97

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

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