Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
Data File : VX023241.D
Acq On : 12 Jul 2021 14:49
Operator : JC/MD
Sample : VX0712WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0712WBS01

Manual Integrations APPROVED
MMDadoda
7/13/2021 6:54:00 PM

Quant Time: Jul 13 01:28:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	276374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	437242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176803	47.599	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.200%			
35) Dibromofluoromethane	5.397	113	135482	47.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.960%			
50) Toluene-d8	8.653	98	490036	46.526	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.060%			
62) 4-Bromofluorobenzene	11.085	95	184703	45.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	43814	17.496	ug/l	97
3) Chloromethane	1.294	50	40520	16.354	ug/l	97
4) Vinyl Chloride	1.374	62	45858	17.472	ug/l	99
5) Bromomethane	1.605	94	24781	14.763	ug/l	98
6) Chloroethane	1.685	64	28609	16.670	ug/l	99
7) Trichlorofluoromethane	1.886	101	77478	16.986	ug/l	99
8) Diethyl Ether	2.142	74	30555	18.150	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	48868	18.307	ug/l	94
10) Methyl Iodide	2.453	142	56469	17.228	ug/l	93
11) Tert butyl alcohol	2.977	59	71753	91.823	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43451	17.637	ug/l	93
13) Acrolein	2.245	56	43544	83.682	ug/l	99
14) Allyl chloride	2.666	41	78389	18.311	ug/l	93
15) Acrylonitrile	3.075	53	140701	92.600	ug/l	98
16) Acetone	2.386	43	128786	87.636	ug/l	92
17) Carbon Disulfide	2.514	76	81356	15.658	ug/l	100
18) Methyl Acetate	2.715	43	66999	18.782	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	178256	19.346	ug/l	99
20) Methylene Chloride	2.794	84	53829	17.013	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	47803	17.966	ug/l	96
22) Diisopropyl ether	3.770	45	163991	18.170	ug/l	93
23) Vinyl Acetate	3.733	43	697432	91.302	ug/l	95
24) 1,1-Dichloroethane	3.617	63	94698	18.570	ug/l	98
25) 2-Butanone	4.568	43	198432	89.545	ug/l	95
26) 2,2-Dichloropropane	4.483	77	80790	18.875	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	58623	18.190	ug/l	97
28) Bromochloromethane	4.910	49	42596	17.606	ug/l	98
29) Tetrahydrofuran	5.019	42	127502	89.507	ug/l	93
30) Chloroform	5.105	83	101978	18.512	ug/l	97
31) Cyclohexane	5.477	56	74493	16.750	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	91455	19.062	ug/l	100
36) 1,1-Dichloropropene	5.702	75	67986	17.441	ug/l	100
37) Ethyl Acetate	4.727	43	76417	17.971	ug/l	96
38) Carbon Tetrachloride	5.684	117	78529	19.301	ug/l	96
39) Methylcyclohexane	7.385	83	79088	17.348	ug/l	99
40) Benzene	6.050	78	205456	18.155	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	43290	18.211	ug/l		94
42) 1,2-Dichloroethane	6.098	62	84581	18.600	ug/l		95
43) Isopropyl Acetate	6.348	43	126098	17.829	ug/l		95
44) Trichloroethene	7.135	130	58980	18.372	ug/l		100
45) 1,2-Dichloropropane	7.440	63	53474	18.101	ug/l		96
46) Dibromomethane	7.586	93	38698	18.342	ug/l		98
47) Bromodichloromethane	7.830	83	70769	18.372	ug/l		94
48) Methyl methacrylate	7.702	41	58836	16.953	ug/l		92
49) 1,4-Dioxane	7.665	88	29012	371.436	ug/l		98
51) 4-Methyl-2-Pentanone	8.580	43	391359	89.296	ug/l		94
52) Toluene	8.720	92	130526	17.821	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	78050	17.887	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	85072	18.223	ug/l		94
55) 1,1,2-Trichloroethane	9.159	97	57038	18.545	ug/l		97
56) Ethyl methacrylate	9.122	69	86324	18.164	ug/l	#	90
57) 1,3-Dichloropropane	9.311	76	91142	17.929	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	221700	88.795	ug/l		99
59) 2-Hexanone	9.433	43	297095	88.349	ug/l		90
60) Dibromochloromethane	9.525	129	53416	17.698	ug/l		98
61) 1,2-Dibromoethane	9.616	107	58929	18.669	ug/l		99
64) Tetrachloroethene	9.275	164	57974	18.648	ug/l		95
65) Chlorobenzene	10.086	112	146509	19.015	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	55418	19.892	ug/l		99
67) Ethyl Benzene	10.195	91	252507	18.538	ug/l		100
68) m/p-Xylenes	10.305	106	195679	37.628	ug/l		100
69) o-Xylene	10.646	106	97872	18.674	ug/l		99
70) Styrene	10.659	104	160123	18.704	ug/l		97
71) Bromoform	10.805	173	37060	18.437	ug/l	#	99
73) Isopropylbenzene	10.963	105	257579	19.556	ug/l		99
74) N-amyl acetate	10.848	43	99975	17.887	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.213	83	81007	19.357	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	76866m	20.429	ug/l		
77) Bromobenzene	11.201	156	62465	18.994	ug/l		97
78) n-propylbenzene	11.305	91	287315	18.864	ug/l		98
79) 2-Chlorotoluene	11.366	91	178455	18.958	ug/l		97
80) 1,3,5-Trimethylbenzene	11.457	105	217210	19.152	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.024	75	23402	20.481	ug/l		88
82) 4-Chlorotoluene	11.457	91	203551	19.148	ug/l		100
83) tert-Butylbenzene	11.719	119	213115	19.798	ug/l		94
84) 1,2,4-Trimethylbenzene	11.756	105	216575	19.324	ug/l		99
85) sec-Butylbenzene	11.896	105	267149	19.287	ug/l		99
86) p-Isopropyltoluene	12.012	119	223012	19.194	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	116337	18.839	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	115705	18.608	ug/l		96
89) n-Butylbenzene	12.335	91	184026	18.081	ug/l		98
90) Hexachloroethane	12.542	117	33106	18.654	ug/l		95
91) 1,2-Dichlorobenzene	12.341	146	117360	19.104	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17671	18.899	ug/l		91
93) 1,2,4-Trichlorobenzene	13.591	180	70005	18.499	ug/l		99
94) Hexachlorobutadiene	13.725	225	31792	19.842	ug/l		100
95) Naphthalene	13.780	128	244637	18.355	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	72600	19.075	ug/l		98

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

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