Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
Data File : VX024690.D
Acq On : 09 Oct 2021 00:12
Operator : JC/MD
Sample : VX1008WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS03

Manual Integrations APPROVED
MMDadoda
10/13/2021 2:43:25 PM

Quant Time: Oct 11 05:53:33 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	132037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	206282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	191960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94166	50.602	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.200%			
35) Dibromofluoromethane	5.391	113	70489	51.437	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	8.653	98	255265	50.610	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.085	95	98980	49.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	34399	25.891	ug/l	98
3) Chloromethane	1.294	50	26163	20.891	ug/l	97
4) Vinyl Chloride	1.374	62	29581	22.581	ug/l	99
5) Bromomethane	1.599	94	20060	22.752	ug/l	100
6) Chloroethane	1.685	64	17929	20.701	ug/l	96
7) Trichlorofluoromethane	1.886	101	49719	21.507	ug/l	94
8) Diethyl Ether	2.136	74	16553	21.036	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	28317	21.722	ug/l	98
10) Methyl Iodide	2.453	142	27421	15.033	ug/l	93
11) Tert butyl alcohol	2.977	59	39744	83.598	ug/l	99
12) 1,1-Dichloroethene	2.319	96	26538	21.926	ug/l	95
13) Acrolein	2.239	56	12149	125.911	ug/l	97
14) Allyl chloride	2.666	41	44689	20.195	ug/l	88
15) Acrylonitrile	3.069	53	84940	100.473	ug/l	97
16) Acetone	2.386	43	93049	112.950	ug/l	89
17) Carbon Disulfide	2.514	76	64354	20.760	ug/l	98
18) Methyl Acetate	2.709	43	58534	21.006	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	95367	20.907	ug/l	99
20) Methylene Chloride	2.788	84	31162	21.734	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	30219	21.987	ug/l	97
22) Diisopropyl ether	3.770	45	94058	20.804	ug/l	96
23) Vinyl Acetate	3.727	43	387172	105.755	ug/l	94
24) 1,1-Dichloroethane	3.617	63	53389	21.269	ug/l	97
25) 2-Butanone	4.568	43	141587	110.480	ug/l	98
26) 2,2-Dichloropropane	4.483	77	37790	16.736	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	33888	21.096	ug/l	97
28) Bromochloromethane	4.904	49	20187	17.715	ug/l	99
29) Tetrahydrofuran	5.019	42	80787	98.931	ug/l	93
30) Chloroform	5.105	83	58204	20.995	ug/l	97
31) Cyclohexane	5.477	56	45936	20.615	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	51227	20.813	ug/l	97
36) 1,1-Dichloropropene	5.702	75	41712	21.093	ug/l	99
37) Ethyl Acetate	4.727	43	48256	19.545	ug/l	94
38) Carbon Tetrachloride	5.690	117	45689	21.225	ug/l	97
39) Methylcyclohexane	7.385	83	47971	20.717	ug/l	97
40) Benzene	6.044	78	121295	21.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	26336	20.655	ug/l		91
42) 1,2-Dichloroethane	6.098	62	51114	21.524	ug/l		94
43) Isopropyl Acetate	6.348	43	77466	20.638	ug/l	#	92
44) Trichloroethene	7.135	130	34270	22.027	ug/l		92
45) 1,2-Dichloropropane	7.440	63	31537	21.617	ug/l		100
46) Dibromomethane	7.586	93	23003	21.027	ug/l		98
47) Bromodichloromethane	7.830	83	42605	21.250	ug/l		97
48) Methyl methacrylate	7.696	41	41461	22.308	ug/l		86
49) 1,4-Dioxane	7.665	88	16085	377.840	ug/l	#	96
51) 4-Methyl-2-Pentanone	8.580	43	286388	115.572	ug/l		90
52) Toluene	8.720	92	78769	21.564	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	45161	19.873	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	47379	20.505	ug/l	#	85
55) 1,1,2-Trichloroethane	9.159	97	32769	21.696	ug/l		99
56) Ethyl methacrylate	9.122	69	44047	18.323	ug/l	#	79
57) 1,3-Dichloropropane	9.311	76	53993	21.187	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	117860	99.324	ug/l		99
59) 2-Hexanone	9.433	43	223089	114.318	ug/l		88
60) Dibromochloromethane	9.525	129	32420	19.655	ug/l		99
61) 1,2-Dibromoethane	9.616	107	35255	21.262	ug/l		100
64) Tetrachloroethene	9.275	164	32668	24.589	ug/l		94
65) Chlorobenzene	10.079	112	86580	21.651	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32301	21.673	ug/l		99
67) Ethyl Benzene	10.195	91	153899	21.741	ug/l		99
68) m/p-Xylenes	10.305	106	117104	43.140	ug/l		99
69) o-Xylene	10.646	106	56862	21.183	ug/l		98
70) Styrene	10.659	104	90033	20.059	ug/l		97
71) Bromoform	10.805	173	22897	19.130	ug/l	#	100
73) Isopropylbenzene	10.963	105	151943	21.950	ug/l		99
74) N-amyl acetate	10.848	43	64851	20.368	ug/l		90
75) 1,1,2,2-Tetrachloroethane	11.213	83	52619	21.494	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	47214m	21.233	ug/l		
77) Bromobenzene	11.201	156	39487	22.168	ug/l		92
78) n-propylbenzene	11.305	91	170019	21.011	ug/l		98
79) 2-Chlorotoluene	11.366	91	105030	21.307	ug/l		98
80) 1,3,5-Trimethylbenzene	11.457	105	131456	22.230	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	14094	18.729	ug/l		87
82) 4-Chlorotoluene	11.457	91	121524	20.953	ug/l		100
83) tert-Butylbenzene	11.719	119	125389	21.150	ug/l		95
84) 1,2,4-Trimethylbenzene	11.756	105	134236	22.830	ug/l		99
85) sec-Butylbenzene	11.896	105	146393	20.071	ug/l		100
86) p-Isopropyltoluene	12.012	119	135639	21.809	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	69271	20.421	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	69379	19.799	ug/l		96
89) n-Butylbenzene	12.335	91	113837	20.671	ug/l		97
90) Hexachloroethane	12.542	117	20200	19.751	ug/l		93
91) 1,2-Dichlorobenzene	12.341	146	69569	20.745	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11488	19.435	ug/l		90
93) 1,2,4-Trichlorobenzene	13.591	180	43171	20.219	ug/l		99
94) Hexachlorobutadiene	13.725	225	19154	19.611	ug/l		98
95) Naphthalene	13.780	128	146916	21.498	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	44854	20.501	ug/l		99

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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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