

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022607.D
 Acq On : 09 Jun 2021 12:36
 Operator : JC/MD
 Sample : VX0609WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 12:11:56 PM

Quant Time: Jun 10 05:39:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	75459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	147983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59849	44.615	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.220%
35) Dibromofluoromethane	5.397	113	44329	47.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.653	98	174952	47.357	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.720%
62) 4-Bromofluorobenzene	11.085	95	64267	46.802	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16828	19.123	ug/l	100
3) Chloromethane	1.301	50	19372	18.227	ug/l	95
4) Vinyl Chloride	1.380	62	18453	17.789	ug/l	100
5) Bromomethane	1.599	94	11246	20.634	ug/l	97
6) Chloroethane	1.685	64	11628	17.802	ug/l	100
7) Trichlorofluoromethane	1.886	101	26754	17.709	ug/l	100
8) Diethyl Ether	2.136	74	11009	17.874	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	16996	18.349	ug/l	90
10) Methyl Iodide	2.453	142	15988	14.663	ug/l	94
11) Tert butyl alcohol	2.977	59	25524	84.827	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15977	16.698	ug/l	94
13) Acrolein	2.239	56	10795	77.376	ug/l	97
14) Allyl chloride	2.666	41	30653	17.471	ug/l	93
15) Acrylonitrile	3.075	53	54612	87.058	ug/l	100
16) Acetone	2.386	43	50564	83.885	ug/l	94
17) Carbon Disulfide	2.514	76	34677	16.888	ug/l	99
18) Methyl Acetate	2.715	43	29635	17.827	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	56648	17.756	ug/l	97
20) Methylene Chloride	2.794	84	20891	16.600	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	18349	17.027	ug/l	97
22) Diisopropyl ether	3.770	45	62769	17.833	ug/l	91
23) Vinyl Acetate	3.733	43	289102	87.284	ug/l	94
24) 1,1-Dichloroethane	3.617	63	35887	17.913	ug/l	98
25) 2-Butanone	4.568	43	84428	84.750	ug/l	92
26) 2,2-Dichloropropane	4.483	77	27806	18.111	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	21824	17.250	ug/l	95
28) Bromochloromethane	4.904	49	17148	16.933	ug/l #	79
29) Tetrahydrofuran	5.019	42	49870	85.303	ug/l	88
30) Chloroform	5.099	83	35340	17.564	ug/l	99
31) Cyclohexane	5.483	56	29797	18.777	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	28930	18.127	ug/l	97
36) 1,1-Dichloropropene	5.702	75	26325	18.389	ug/l	96
37) Ethyl Acetate	4.721	43	32936	17.937	ug/l	94
38) Carbon Tetrachloride	5.678	117	22278	17.960	ug/l	92
39) Methylcyclohexane	7.385	83	29426	19.527	ug/l	90
40) Benzene	6.050	78	81269	18.395	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18160	17.974	ug/l	94
42) 1,2-Dichloroethane	6.098	62	29303	17.993	ug/l	98
43) Isopropyl Acetate	6.354	43	53788	18.058	ug/l #	91
44) Trichloroethene	7.129	130	18929	18.159	ug/l	95
45) 1,2-Dichloropropane	7.434	63	21616	19.021	ug/l	98
46) Dibromomethane	7.586	93	14231	18.371	ug/l #	81
47) Bromodichloromethane	7.824	83	24242	17.591	ug/l	97
48) Methyl methacrylate	7.696	41	25319	18.267	ug/l	87
49) 1,4-Dioxane	7.671	88	9574	341.544	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	169429	91.306	ug/l	91
52) Toluene	8.720	92	50014	18.025	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	27143	17.097	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	31316	17.793	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	20299	18.770	ug/l	96
56) Ethyl methacrylate	9.122	69	32232	17.881	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	36589	18.721	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	90500	86.569	ug/l	96
59) 2-Hexanone	9.433	43	127160	89.702	ug/l	90
60) Dibromochloromethane	9.525	129	16017	17.343	ug/l	98
61) 1,2-Dibromoethane	9.610	107	20204	17.722	ug/l	100
64) Tetrachloroethene	9.275	164	16333	18.184	ug/l	89
65) Chlorobenzene	10.086	112	52525	18.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16331	17.547	ug/l	96
67) Ethyl Benzene	10.195	91	97072	18.922	ug/l	98
68) m/p-Xylenes	10.305	106	71806	38.511	ug/l	100
69) o-Xylene	10.646	106	34930	19.160	ug/l	99
70) Styrene	10.659	104	57341	18.603	ug/l	98
71) Bromoform	10.805	173	8925	16.721	ug/l #	97
73) Isopropylbenzene	10.963	105	91616	19.402	ug/l	98
74) N-amyl acetate	10.848	43	45387	17.915	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	31154	18.330	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	28208m	18.794	ug/l	
77) Bromobenzene	11.201	156	18647	18.329	ug/l	80
78) n-propylbenzene	11.305	91	109971	19.189	ug/l	97
79) 2-Chlorotoluene	11.366	91	65242	19.130	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	77380	19.180	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	7981	17.737	ug/l #	85
82) 4-Chlorotoluene	11.457	91	75587	19.148	ug/l	94
83) tert-Butylbenzene	11.719	119	69793	19.420	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	76946	18.964	ug/l	98
85) sec-Butylbenzene	11.896	105	92716	19.386	ug/l	98
86) p-Isopropyltoluene	12.012	119	75982	19.222	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	36327	18.388	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	37541	18.240	ug/l	95
89) n-Butylbenzene	12.335	91	73259	19.302	ug/l	98
90) Hexachloroethane	12.542	117	9277	16.635	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	36042	19.222	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5912	17.894	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	20752	18.409	ug/l	97
94) Hexachlorobutadiene	13.725	225	7855	19.443	ug/l	93
95) Naphthalene	13.780	128	82255	18.201	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20230	17.956	ug/l	97

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

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