

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123021\
 Data File : VX026148.D
 Acq On : 29 Dec 2021 19:19
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2022
 Supervised By :Mahesh Dadoda 01/01/2022

Quant Time: Dec 30 07:39:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 07:38:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	115520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	192397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	8774	5.373	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.740%#		
35) Dibromofluoromethane	5.397	113	6274	4.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.620%#		
50) Toluene-d8	8.653	98	23723	4.941	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.880%#		
62) 4-Bromofluorobenzene	11.085	95	7723	4.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	6030	5.584	ug/l	94
3) Chloromethane	1.294	50	6915	5.110	ug/l	89
4) Vinyl Chloride	1.374	62	7419	5.127	ug/l	98
5) Bromomethane	1.611	94	4581	4.548	ug/l	96
6) Chloroethane	1.685	64	5219	5.005	ug/l	93
7) Trichlorofluoromethane	1.892	101	12613	5.176	ug/l	98
8) Diethyl Ether	2.136	74	4254	4.601	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	6855	5.408	ug/l	99
10) Methyl Iodide	2.459	142	7867	4.942	ug/l	98
11) Tert butyl alcohol	2.989	59	9572	28.827	ug/l #	83
12) 1,1-Dichloroethene	2.325	96	6368	5.147	ug/l	85
13) Acrolein	2.239	56	2309	11.159	ug/l	93
14) Allyl chloride	2.666	41	12171	5.323	ug/l	96
15) Acrylonitrile	3.075	53	20564	26.268	ug/l	98
16) Acetone	2.386	43	23292	28.921	ug/l	95
17) Carbon Disulfide	2.514	76	18216	5.127	ug/l	99
18) Methyl Acetate	2.709	43	14608	5.667	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	21806	5.052	ug/l	96
20) Methylene Chloride	2.794	84	8165	5.085	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	7150	5.248	ug/l	95
22) Diisopropyl ether	3.764	45	22805	5.187	ug/l #	85
23) Vinyl Acetate	3.727	43	88696	25.987	ug/l	96
24) 1,1-Dichloroethane	3.623	63	12876	5.161	ug/l	99
25) 2-Butanone	4.574	43	30730	27.182	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	9128	4.798	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	7983	4.951	ug/l	94
28) Bromochloromethane	4.904	49	5925	5.378	ug/l #	86
29) Tetrahydrofuran	5.026	42	19116	26.511	ug/l	93
30) Chloroform	5.099	83	13787	5.074	ug/l	97
31) Cyclohexane	5.471	56	11859	5.566	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	11631	4.897	ug/l	93
36) 1,1-Dichloropropene	5.690	75	9746	5.201	ug/l	99
37) Ethyl Acetate	4.727	43	11063	5.313	ug/l #	89
38) Carbon Tetrachloride	5.684	117	11016	5.082	ug/l	97
39) Methylcyclohexane	7.385	83	11195	5.253	ug/l	97
40) Benzene	6.050	78	28074	5.110	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	6152	5.295	ug/l	92
42) 1,2-Dichloroethane	6.098	62	11451	5.443	ug/l	83
43) Isopropyl Acetate	6.348	43	17968	5.353	ug/l	95
44) Trichloroethene	7.135	130	7767	5.091	ug/l	98
45) 1,2-Dichloropropane	7.440	63	7338	5.258	ug/l	97
46) Dibromomethane	7.586	93	5219	4.871	ug/l	98
47) Bromodichloromethane	7.824	83	10638	5.015	ug/l	89
48) Methyl methacrylate	7.696	41	8354	5.261	ug/l	90
49) 1,4-Dioxane	7.690	88	3429	102.433	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	56424	25.847	ug/l	97
52) Toluene	8.720	92	17209	4.952	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9229	4.566	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	10726	4.833	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	7244	4.885	ug/l	95
56) Ethyl methacrylate	9.122	69	10411	4.834	ug/l	91
57) 1,3-Dichloropropane	9.311	76	12373	5.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	26074	26.997	ug/l	98
59) 2-Hexanone	9.433	43	41329	25.046	ug/l	95
60) Dibromochloromethane	9.525	129	7847	4.696	ug/l	98
61) 1,2-Dibromoethane	9.616	107	7259	4.524	ug/l	100
64) Tetrachloroethene	9.275	164	7388	5.373	ug/l	95
65) Chlorobenzene	10.086	112	18416	5.122	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	6809	4.862	ug/l	97
67) Ethyl Benzene	10.195	91	31867	5.182	ug/l	95
68) m/p-Xylenes	10.305	106	23545	9.936	ug/l	92
69) o-Xylene	10.646	106	11614	4.982	ug/l	96
70) Styrene	10.659	104	18666	4.827	ug/l	97
71) Bromoform	10.805	173	5272	4.598	ug/l #	98
73) Isopropylbenzene	10.963	105	29903	5.145	ug/l	100
74) N-amyl acetate	10.848	43	12315	5.139	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	10252	5.125	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	9365m	5.152	ug/l	
77) Bromobenzene	11.201	156	7359	5.027	ug/l	97
78) n-propylbenzene	11.305	91	33116	5.001	ug/l	98
79) 2-Chlorotoluene	11.366	91	21395	5.144	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	24689	5.138	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	2923	4.917	ug/l	83
82) 4-Chlorotoluene	11.457	91	23813	5.102	ug/l	97
83) tert-Butylbenzene	11.719	119	23799	5.031	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	24494	5.122	ug/l	96
85) sec-Butylbenzene	11.890	105	29491	5.166	ug/l	97
86) p-Isopropyltoluene	12.012	119	23980	5.019	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	13088	4.785	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	14513	5.168	ug/l	94
89) n-Butylbenzene	12.335	91	20836	5.135	ug/l	97
90) Hexachloroethane	12.542	117	4802	5.090	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	14631	5.619	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2533	5.543	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	7496	5.455	ug/l	99
94) Hexachlorobutadiene	13.725	225	3355	5.746	ug/l	98
95) Naphthalene	13.780	128	27576	5.952	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7856	5.717	ug/l	96

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

