

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038040.D
 Acq On : 03 Oct 2023 15:47
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 04 08:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	12077	5.323	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.640%#		
35) Dibromofluoromethane	5.385	113	8849	5.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.640%#		
50) Toluene-d8	8.647	98	33517	5.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.540%#		
62) 4-Bromofluorobenzene	11.079	95	11973	5.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.340%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	6032	4.151	ug/l	97
3) Chloromethane	1.307	50	9120	4.767	ug/l	97
4) Vinyl Chloride	1.374	62	8004	4.636	ug/l	100
5) Bromomethane	1.599	94	14458	6.369	ug/l	94
6) Chloroethane	1.685	64	6224	4.802	ug/l	98
7) Trichlorofluoromethane	1.886	101	16305	4.788	ug/l	94
8) Diethyl Ether	2.136	74	6077	4.879	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	7348	4.956	ug/l	100
10) Methyl Iodide	2.453	142	6603	4.318	ug/l	91
11) Tert butyl alcohol	2.959	59	13925	27.321	ug/l	98
12) 1,1-Dichloroethene	2.319	96	6724	4.870	ug/l	90
13) Acrolein	2.233	56	7232	24.804	ug/l	93
14) Allyl chloride	2.660	41	11554	4.722	ug/l	96
15) Acrylonitrile	3.063	53	24870	23.477	ug/l	98
16) Acetone	2.380	43	24268	24.354	ug/l	95
17) Carbon Disulfide	2.508	76	18109	4.637	ug/l	99
18) Methyl Acetate	2.703	43	19919	4.650	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	24931	4.675	ug/l	99
20) Methylene Chloride	2.788	84	9632	4.839	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	8069	4.864	ug/l	91
22) Diisopropyl ether	3.764	45	24133	4.720	ug/l	94
23) Vinyl Acetate	3.721	43	84299	22.915	ug/l	98
24) 1,1-Dichloroethane	3.611	63	14641	4.717	ug/l	98
25) 2-Butanone	4.556	43	37293	23.738	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	11564	4.744	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	9179	4.746	ug/l	96
28) Bromochloromethane	4.898	49	7037	4.819	ug/l	100
29) Tetrahydrofuran	5.007	42	23055	22.754	ug/l	90
30) Chloroform	5.093	83	15686	4.640	ug/l	99
31) Cyclohexane	5.471	56	12217	4.604	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	12712	4.520	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11640	4.751	ug/l	100
37) Ethyl Acetate	4.721	43	13419	4.877	ug/l	99
38) Carbon Tetrachloride	5.678	117	11500	4.824	ug/l	98
39) Methylcyclohexane	7.379	83	14264	4.926	ug/l	95
40) Benzene	6.044	78	33516	4.850	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	7041	5.111	ug/l	93
42) 1,2-Dichloroethane	6.086	62	13074	4.824	ug/l	98
43) Isopropyl Acetate	6.342	43	20152	4.728	ug/l	99
44) Trichloroethene	7.129	130	9246	4.958	ug/l	87
45) 1,2-Dichloropropane	7.428	63	8967	5.097	ug/l	95
46) Dibromomethane	7.580	93	6619	4.858	ug/l	98
47) Bromodichloromethane	7.824	83	10903	4.597	ug/l #	95
48) Methyl methacrylate	7.696	41	9659	4.713	ug/l	89
49) 1,4-Dioxane	7.665	88	4046	88.068	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	71466	24.131	ug/l	99
52) Toluene	8.720	92	21486	4.803	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	10796	4.321	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	12619	4.746	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	8655	4.765	ug/l #	84
56) Ethyl methacrylate	9.116	69	13090	4.795	ug/l	92
57) 1,3-Dichloropropane	9.311	76	14765	4.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	34532	24.749	ug/l	97
59) 2-Hexanone	9.433	43	55712	23.515	ug/l	98
60) Dibromochloromethane	9.519	129	7738	4.427	ug/l	100
61) 1,2-Dibromoethane	9.610	107	9111	4.627	ug/l	97
64) Tetrachloroethene	9.275	164	7375	4.869	ug/l	93
65) Chlorobenzene	10.080	112	23405	4.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	7464	4.684	ug/l	93
67) Ethyl Benzene	10.195	91	41513	4.829	ug/l	97
68) m/p-Xylenes	10.299	106	31515	9.572	ug/l	100
69) o-Xylene	10.640	106	15044	4.812	ug/l	99
70) Styrene	10.659	104	23703	4.590	ug/l	96
71) Bromoform	10.799	173	5276	4.355	ug/l #	98
73) Isopropylbenzene	10.964	105	39858	4.990	ug/l	99
74) N-amyl acetate	10.842	43	17047	4.742	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	14895	4.982	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	13123m	4.548	ug/l	
77) Bromobenzene	11.195	156	9587	4.895	ug/l	93
78) n-propylbenzene	11.305	91	49381	5.031	ug/l	100
79) 2-Chlorotoluene	11.366	91	27803	4.878	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	33005	4.855	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3175	3.933	ug/l	89
82) 4-Chlorotoluene	11.457	91	33844	4.927	ug/l	98
83) tert-Butylbenzene	11.713	119	32795	4.852	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	33598	4.900	ug/l	98
85) sec-Butylbenzene	11.890	105	43530	4.966	ug/l	99
86) p-Isopropyltoluene	12.012	119	35462	4.940	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	19594	4.990	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	20235	5.013	ug/l	96
89) n-Butylbenzene	12.335	91	34608	4.831	ug/l	95
90) Hexachloroethane	12.536	117	5450	4.658	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	18224	4.876	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3030	4.453	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	12454	4.804	ug/l	97
94) Hexachlorobutadiene	13.725	225	5491	4.964	ug/l	97
95) Naphthalene	13.774	128	41212	4.716	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	12099	4.826	ug/l	98

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

