

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038031.D
 Acq On : 03 Oct 2023 11:04
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

10/04/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Oct 04 05:25:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 05:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	234048	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43842	19.631	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	39.260%#
35) Dibromofluoromethane	5.385	113	33330	19.905	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	39.820%#
50) Toluene-d8	8.647	98	129635	20.125	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	40.240%#
62) 4-Bromofluorobenzene	11.079	95	45781	19.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.680%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27776	19.467	ug/l	99
3) Chloromethane	1.295	50	38804	21.643	ug/l	99
4) Vinyl Chloride	1.374	62	34749	21.380	ug/l	98
5) Bromomethane	1.605	94	22583	10.146	ug/l	100
6) Chloroethane	1.691	64	25446	20.360	ug/l	98
7) Trichlorofluoromethane	1.886	101	61107	18.981	ug/l	100
8) Diethyl Ether	2.130	74	21682	18.392	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	28511	20.160	ug/l	97
10) Methyl Iodide	2.453	142	25994	16.095	ug/l	94
11) Tert butyl alcohol	2.947	59	44042	86.126	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	27406	20.547	ug/l	90
13) Acrolein	2.233	56	21421	74.006	ug/l	98
14) Allyl chloride	2.660	41	47047	19.803	ug/l	94
15) Acrylonitrile	3.063	53	99900	98.029	ug/l	98
16) Acetone	2.374	43	90931	96.811	ug/l	91
17) Carbon Disulfide	2.514	76	72476	18.950	ug/l	99
18) Methyl Acetate	2.697	43	81715	19.873	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	102223	19.788	ug/l	99
20) Methylene Chloride	2.788	84	33367	16.827	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	31803	19.790	ug/l	91
22) Diisopropyl ether	3.758	45	99633	20.140	ug/l	98
23) Vinyl Acetate	3.721	43	367594	102.902	ug/l	98
24) 1,1-Dichloroethane	3.605	63	58734	19.700	ug/l	99
25) 2-Butanone	4.550	43	148639	99.082	ug/l	94
26) 2,2-Dichloropropane	4.471	77	47529	20.157	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	37778	20.251	ug/l	93
28) Bromochloromethane	4.898	49	29155	20.851	ug/l	93
29) Tetrahydrofuran	4.995	42	97206	99.686	ug/l	92
30) Chloroform	5.093	83	64647	19.778	ug/l	98
31) Cyclohexane	5.471	56	50789	20.071	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	54032	19.605	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46977	19.693	ug/l	99
37) Ethyl Acetate	4.709	43	56307	20.838	ug/l	99
38) Carbon Tetrachloride	5.678	117	46782	19.836	ug/l	95
39) Methylcyclohexane	7.379	83	58008	20.433	ug/l	96
40) Benzene	6.038	78	136249	20.193	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28070	20.527	ug/l	90
42) 1,2-Dichloroethane	6.080	62	53133	20.119	ug/l	100
43) Isopropyl Acetate	6.336	43	86012	20.398	ug/l	98
44) Trichloroethene	7.123	130	34398	18.912	ug/l	97
45) 1,2-Dichloropropane	7.428	63	35144	20.443	ug/l	97
46) Dibromomethane	7.580	93	26639	19.967	ug/l	98
47) Bromodichloromethane	7.818	83	47338	20.125	ug/l	99
48) Methyl methacrylate	7.690	41	40942	20.247	ug/l	88
49) 1,4-Dioxane	7.659	88	17522	391.999	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	300985	104.586	ug/l	99
52) Toluene	8.714	92	87038	19.795	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	50610	19.922	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	55491	20.818	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	36602	20.564	ug/l	95
56) Ethyl methacrylate	9.116	69	55620	20.314	ug/l	92
57) 1,3-Dichloropropane	9.305	76	59657	20.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	140773	106.339	ug/l	98
59) 2-Hexanone	9.427	43	238890	103.656	ug/l	98
60) Dibromochloromethane	9.519	129	35767	20.136	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38543	19.809	ug/l	99
64) Tetrachloroethene	9.275	164	29091	19.448	ug/l	97
65) Chlorobenzene	10.080	112	93457	19.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	33062	20.542	ug/l	99
67) Ethyl Benzene	10.195	91	170112	20.071	ug/l	99
68) m/p-Xylenes	10.299	106	129357	39.648	ug/l	99
69) o-Xylene	10.640	106	62307	20.013	ug/l	98
70) Styrene	10.653	104	103692	20.059	ug/l	97
71) Bromoform	10.799	173	24850	19.696	ug/l #	100
73) Isopropylbenzene	10.964	105	168279	20.525	ug/l	98
74) N-amyl acetate	10.842	43	77679	20.908	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	62765	20.614	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	57093m	21.445	ug/l	
77) Bromobenzene	11.195	156	39478	19.676	ug/l	95
78) n-propylbenzene	11.305	91	207591	20.655	ug/l	98
79) 2-Chlorotoluene	11.366	91	118136	20.226	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	143989	20.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16722	18.766	ug/l	99
82) 4-Chlorotoluene	11.451	91	138863	19.713	ug/l	98
83) tert-Butylbenzene	11.713	119	138452	19.813	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	144165	20.419	ug/l	98
85) sec-Butylbenzene	11.890	105	186591	20.718	ug/l	98
86) p-Isopropyltoluene	12.006	119	153882	20.792	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	77467	19.273	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	79088	19.259	ug/l	99
89) n-Butylbenzene	12.329	91	150477	20.287	ug/l	95
90) Hexachloroethane	12.536	117	25269	20.297	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	75838	19.762	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14492	20.186	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	49800	18.745	ug/l	98
94) Hexachlorobutadiene	13.725	225	21700	19.137	ug/l	98
95) Naphthalene	13.774	128	179389	19.929	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	50323	19.587	ug/l	98

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

