

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038190.D
 Acq On : 10 Oct 2023 10:55
 Operator : JC/MD
 Sample : VX1010WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 01:34:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101847	49.397	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.800%		
35) Dibromofluoromethane	5.385	113	79414	51.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.500%		
50) Toluene-d8	8.646	98	290252	49.498	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.000%		
62) 4-Bromofluorobenzene	11.079	95	113236	50.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26129	21.117	ug/l	98
3) Chloromethane	1.300	50	24584	19.494	ug/l	95
4) Vinyl Chloride	1.373	62	27219	19.466	ug/l	98
5) Bromomethane	1.605	94	27937	14.609	ug/l	97
6) Chloroethane	1.684	64	19555	19.178	ug/l	91
7) Trichlorofluoromethane	1.886	101	54802	19.842	ug/l	99
8) Diethyl Ether	2.135	74	20471	19.874	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	25465	21.120	ug/l	99
10) Methyl Iodide	2.452	142	33259	19.172	ug/l	93
11) Tert butyl alcohol	2.952	59	43633	88.712	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	23240	19.816	ug/l	94
13) Acrolein	2.233	56	40160	137.013	ug/l	99
14) Allyl chloride	2.666	41	38977	18.580	ug/l	94
15) Acrylonitrile	3.062	53	94369	100.575	ug/l	99
16) Acetone	2.373	43	89597	104.122	ug/l	91
17) Carbon Disulfide	2.513	76	58578	17.329	ug/l	99
18) Methyl Acetate	2.702	43	74127	20.088	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	91311	19.549	ug/l	98
20) Methylene Chloride	2.788	84	29459	18.200	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	28114	19.361	ug/l	90
22) Diisopropyl ether	3.757	45	84577	19.237	ug/l #	95
23) Vinyl Acetate	3.721	43	320034	99.259	ug/l	97
24) 1,1-Dichloroethane	3.611	63	51453	19.284	ug/l	99
25) 2-Butanone	4.550	43	138996	100.113	ug/l #	90
26) 2,2-Dichloropropane	4.476	77	39824	19.117	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	33299	19.254	ug/l	92
28) Bromochloromethane	4.903	49	22824	18.949	ug/l	89
29) Tetrahydrofuran	5.001	42	86167	95.325	ug/l	88
30) Chloroform	5.092	83	57565	19.729	ug/l	96
31) Cyclohexane	5.470	56	42915	19.211	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	48030	19.219	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41436	19.581	ug/l	98
37) Ethyl Acetate	4.708	43	48819	19.425	ug/l	97
38) Carbon Tetrachloride	5.678	117	41259	19.820	ug/l	92
39) Methylcyclohexane	7.378	83	48695	19.646	ug/l	91
40) Benzene	6.037	78	119297	20.156	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	24321	19.453	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	48238	20.399	ug/l	98
43) Isopropyl Acetate	6.336	43	76199	20.310	ug/l	98
44) Trichloroethene	7.128	130	31709	20.483	ug/l	95
45) 1,2-Dichloropropane	7.427	63	30812	20.114	ug/l	96
46) Dibromomethane	7.580	93	23839	20.065	ug/l	96
47) Bromodichloromethane	7.823	83	43044	20.365	ug/l	99
48) Methyl methacrylate	7.689	41	35592	19.872	ug/l	86
49) 1,4-Dioxane	7.659	88	18270	413.955	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	265052	102.422	ug/l	98
52) Toluene	8.720	92	76842	19.931	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	45589	20.095	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	48197	20.220	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	33689	20.429	ug/l	94
56) Ethyl methacrylate	9.116	69	49548	19.596	ug/l	93
57) 1,3-Dichloropropane	9.305	76	53792	20.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	125453	101.081	ug/l	98
59) 2-Hexanone	9.427	43	219887	105.693	ug/l	97
60) Dibromochloromethane	9.518	129	32622	20.212	ug/l	98
61) 1,2-Dibromoethane	9.610	107	36330	20.372	ug/l	99
64) Tetrachloroethene	9.274	164	26912	19.825	ug/l	96
65) Chlorobenzene	10.079	112	85709	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30674	20.673	ug/l	99
67) Ethyl Benzene	10.195	91	151986	19.405	ug/l	98
68) m/p-Xylenes	10.299	106	117567	38.821	ug/l	98
69) o-Xylene	10.640	106	57157	19.338	ug/l	99
70) Styrene	10.652	104	94833	19.702	ug/l	98
71) Bromoform	10.799	173	23895	19.229	ug/l #	99
73) Isopropylbenzene	10.963	105	151732	19.454	ug/l	99
74) N-amyl acetate	10.841	43	65365	19.625	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	57870	20.220	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	53188m	20.116	ug/l	
77) Bromobenzene	11.195	156	37036	19.449	ug/l	91
78) n-propylbenzene	11.305	91	185971	19.500	ug/l	99
79) 2-Chlorotoluene	11.366	91	107420	18.993	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	131840	19.593	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14628	18.886	ug/l	99
82) 4-Chlorotoluene	11.457	91	131244	19.610	ug/l	98
83) tert-Butylbenzene	11.713	119	126745	19.276	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	130992	19.524	ug/l	98
85) sec-Butylbenzene	11.890	105	167695	19.689	ug/l	99
86) p-Isopropyltoluene	12.012	119	139640	19.871	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	73983	19.343	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	75660	19.376	ug/l	99
89) n-Butylbenzene	12.335	91	135059	19.298	ug/l	96
90) Hexachloroethane	12.536	117	22367	19.197	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	72139	19.622	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13825	19.979	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	47590	19.300	ug/l	97
94) Hexachlorobutadiene	13.725	225	20020	20.172	ug/l	98
95) Naphthalene	13.774	128	163664	19.059	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47326	19.822	ug/l	99

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

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