

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038325.D
 Acq On : 17 Oct 2023 13:35
 Operator : JC/MD
 Sample : VX1017WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 03:57:48 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	5.550	168	152316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109618	44.744	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.480%		
35) Dibromofluoromethane	5.385	113	89737	49.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	8.647	98	322147	46.121	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.240%		
62) 4-Bromofluorobenzene	11.079	95	133243	50.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32478	22.090	ug/l	99
3) Chloromethane	1.301	50	33219	22.168	ug/l	97
4) Vinyl Chloride	1.374	62	38764	23.332	ug/l	99
5) Bromomethane	1.605	94	33511	14.757	ug/l	95
6) Chloroethane	1.685	64	25926	21.577	ug/l	98
7) Trichlorofluoromethane	1.886	101	70227	21.400	ug/l	100
8) Diethyl Ether	2.130	74	25161	20.558	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	32438	22.642	ug/l	99
10) Methyl Iodide	2.453	142	41166	19.971	ug/l	96
11) Tert butyl alcohol	2.953	59	51941	88.896	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	29623	21.257	ug/l	86
13) Acrolein	2.233	56	31582	90.680	ug/l	98
14) Allyl chloride	2.666	41	46435	18.629	ug/l	93
15) Acrylonitrile	3.063	53	113284	101.609	ug/l	100
16) Acetone	2.374	43	111344	108.897	ug/l	90
17) Carbon Disulfide	2.508	76	72342	18.011	ug/l	100
18) Methyl Acetate	2.703	43	90860	20.722	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	111547	20.098	ug/l	99
20) Methylene Chloride	2.788	84	36963	19.219	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	35183	20.391	ug/l	84
22) Diisopropyl ether	3.757	45	97996	18.758	ug/l #	95
23) Vinyl Acetate	3.721	43	364963	95.263	ug/l	95
24) 1,1-Dichloroethane	3.611	63	59668	18.820	ug/l	98
25) 2-Butanone	4.550	43	158728	96.215	ug/l	91
26) 2,2-Dichloropropane	4.471	77	46070	18.612	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	40427	19.673	ug/l	91
28) Bromochloromethane	4.898	49	26054	18.204	ug/l #	81
29) Tetrahydrofuran	5.001	42	99935	93.043	ug/l #	85
30) Chloroform	5.093	83	68557	19.775	ug/l	99
31) Cyclohexane	5.471	56	50972	19.204	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	57585	19.392	ug/l	98
36) 1,1-Dichloropropene	5.690	75	49100	19.479	ug/l	98
37) Ethyl Acetate	4.715	43	57966	19.363	ug/l	96
38) Carbon Tetrachloride	5.678	117	49829	20.095	ug/l	96
39) Methylcyclohexane	7.379	83	59766	20.243	ug/l	94
40) Benzene	6.038	78	143114	20.300	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29152	19.576	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	55234	19.609	ug/l	97
43) Isopropyl Acetate	6.342	43	84742	18.962	ug/l	96
44) Trichloroethene	7.123	130	39115	21.213	ug/l	96
45) 1,2-Dichloropropane	7.428	63	36167	19.821	ug/l	99
46) Dibromomethane	7.580	93	29030	20.513	ug/l	97
47) Bromodichloromethane	7.824	83	49337	19.597	ug/l	98
48) Methyl methacrylate	7.690	41	41903	19.641	ug/l #	86
49) 1,4-Dioxane	7.659	88	21849	415.605	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	305734	99.184	ug/l	96
52) Toluene	8.720	92	93621	20.386	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	50941	18.850	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	56436	19.877	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	40204	20.467	ug/l	96
56) Ethyl methacrylate	9.116	69	59545	19.771	ug/l	90
57) 1,3-Dichloropropane	9.311	76	64362	20.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	134151	90.744	ug/l	98
59) 2-Hexanone	9.427	43	251991	101.688	ug/l	95
60) Dibromochloromethane	9.519	129	38710	20.135	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44625	21.008	ug/l	99
64) Tetrachloroethene	9.275	164	32545	20.161	ug/l	97
65) Chlorobenzene	10.080	112	104462	20.020	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	36661	20.778	ug/l	99
67) Ethyl Benzene	10.195	91	185205	19.885	ug/l	97
68) m/p-Xylenes	10.299	106	145378	40.368	ug/l	98
69) o-Xylene	10.640	106	70867	20.162	ug/l	99
70) Styrene	10.659	104	116674	20.383	ug/l	96
71) Bromoform	10.799	173	27142	18.496	ug/l #	99
73) Isopropylbenzene	10.964	105	188063	19.728	ug/l	99
74) N-amyl acetate	10.842	43	74726	18.356	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	70749	20.225	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62839m	19.445	ug/l	
77) Bromobenzene	11.201	156	46482	19.972	ug/l	90
78) n-propylbenzene	11.305	91	228292	19.585	ug/l	100
79) 2-Chlorotoluene	11.366	91	131165	18.974	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	162962	19.814	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16307	17.580	ug/l	98
82) 4-Chlorotoluene	11.451	91	157872	19.299	ug/l	97
83) tert-Butylbenzene	11.713	119	157982	19.658	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	162301	19.792	ug/l	98
85) sec-Butylbenzene	11.890	105	206301	19.817	ug/l	100
86) p-Isopropyltoluene	12.012	119	174257	20.289	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91586	19.592	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	92851	19.455	ug/l	99
89) n-Butylbenzene	12.335	91	165733	19.375	ug/l	97
90) Hexachloroethane	12.536	117	25975	18.240	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	90600	20.163	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16134	19.076	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	60161	19.962	ug/l	98
94) Hexachlorobutadiene	13.725	225	24613	20.291	ug/l	97
95) Naphthalene	13.774	128	212640	20.260	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58144	19.925	ug/l	97

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

