

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045404.D
 Acq On : 26 Oct 2021 16:35
 Operator : SY/MD
 Sample : VU1026WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1026WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 04:40:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	187876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	345741	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	319437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	154257	49.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.640%		
35) Dibromofluoromethane	5.292	113	112567	51.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.220%		
50) Toluene-d8	7.900	98	432974	50.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.480%		
62) 4-Bromofluorobenzene	10.636	95	162463	45.663	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54011	23.215	ug/l	99
3) Chloromethane	1.520	50	76937	25.531	ug/l	99
4) Vinyl Chloride	1.604	62	66617	22.139	ug/l	99
5) Bromomethane	1.858	94	37368	31.660	ug/l	98
6) Chloroethane	1.932	64	41902	18.127	ug/l	100
7) Trichlorofluoromethane	2.138	101	78914	19.859	ug/l	99
8) Diethyl Ether	2.379	74	36450	20.016	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	47981	21.232	ug/l	97
10) Methyl Iodide	2.726	142	65221	27.040	ug/l	95
11) Tert butyl alcohol	3.202	59	65750	73.252	ug/l #	93
12) 1,1-Dichloroethene	2.581	96	47254	21.214	ug/l	93
13) Acrolein	2.491	56	20357	117.990	ug/l	96
14) Allyl chloride	2.926	41	88298	21.420	ug/l	96
15) Acrylonitrile	3.321	53	176839	97.689	ug/l	100
16) Acetone	2.636	43	157931	85.075	ug/l	99
17) Carbon Disulfide	2.797	76	130501	19.847	ug/l	100
18) Methyl Acetate	2.951	43	124392	22.927	ug/l	95
19) Methyl tert-butyl Ether	3.366	73	185180	21.536	ug/l	99
20) Methylene Chloride	3.048	84	59503	21.281	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	51013	20.935	ug/l	97
22) Diisopropyl ether	3.996	45	182023	21.628	ug/l	98
23) Vinyl Acetate	3.958	43	699025	102.123	ug/l	98
24) 1,1-Dichloroethane	3.874	63	103487	21.420	ug/l	100
25) 2-Butanone	4.707	43	235956	89.463	ug/l	98
26) 2,2-Dichloropropane	4.668	77	86547	21.188	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	60424	20.996	ug/l	97
28) Bromochloromethane	4.977	49	33431	16.695	ug/l	96
29) Tetrahydrofuran	5.057	42	148474	94.567	ug/l	96
30) Chloroform	5.093	83	101639	20.872	ug/l	98
31) Cyclohexane	5.392	56	98148	20.660	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	83965	20.898	ug/l	98
36) 1,1-Dichloropropene	5.530	75	74471	20.597	ug/l	99
37) Ethyl Acetate	4.806	43	90238	18.863	ug/l	98
38) Carbon Tetrachloride	5.527	117	65645	20.982	ug/l	99
39) Methylcyclohexane	6.768	83	92602	20.863	ug/l	98
40) Benzene	5.777	78	224983	20.892	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	47990	19.486	ug/l	97
42) 1,2-Dichloroethane	5.797	62	84481	19.960	ug/l	99
43) Isopropyl Acetate	5.913	43	137593	19.118	ug/l	98
44) Trichloroethene	6.546	130	53675	21.141	ug/l	100
45) 1,2-Dichloropropane	6.793	63	60243	21.101	ug/l	98
46) Dibromomethane	6.922	93	39754	20.670	ug/l	99
47) Bromodichloromethane	7.109	83	78889	21.125	ug/l	98
48) Methyl methacrylate	6.964	41	65754	18.770	ug/l	95
49) 1,4-Dioxane	6.996	88	27264	276.539	ug/l #	82
51) 4-Methyl-2-Pentanone	7.793	43	447819	85.468	ug/l	97
52) Toluene	7.974	92	139649	20.720	ug/l	100
53) t-1,3-Dichloropropene	8.215	75	87395	20.465	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	95681	21.510	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	57202	20.370	ug/l	98
56) Ethyl methacrylate	8.337	69	95193	18.643	ug/l	95
57) 1,3-Dichloropropane	8.578	76	98620	19.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	187949	120.278	ug/l	98
59) 2-Hexanone	8.687	43	347622	81.472	ug/l	96
60) Dibromochloromethane	8.813	129	54603	19.716	ug/l	100
61) 1,2-Dibromoethane	8.925	107	59482	19.927	ug/l	100
64) Tetrachloroethene	8.555	164	43637	20.930	ug/l	96
65) Chlorobenzene	9.449	112	139022	20.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	48629	20.798	ug/l	99
67) Ethyl Benzene	9.572	91	258491	20.975	ug/l	100
68) m/p-Xylenes	9.697	106	193976	40.514	ug/l	98
69) o-Xylene	10.102	106	97712	20.563	ug/l	99
70) Styrene	10.118	104	160743	20.164	ug/l	100
71) Bromoform	10.295	173	38608	17.956	ug/l #	97
73) Isopropylbenzene	10.488	105	249995	22.210	ug/l	100
74) N-amyl acetate	10.321	43	121080	21.364	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.787	83	98424	20.209	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	87708m	19.894	ug/l	
77) Bromobenzene	10.784	156	57564	21.179	ug/l	99
78) n-propylbenzene	10.909	91	300256	21.890	ug/l	100
79) 2-Chlorotoluene	10.989	91	182616	21.240	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	212186	21.519	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	31094	19.573	ug/l	96
82) 4-Chlorotoluene	11.099	91	207693	21.371	ug/l	100
83) tert-Butylbenzene	11.424	119	205510	21.427	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	213601	21.896	ug/l	99
85) sec-Butylbenzene	11.645	105	266116	21.546	ug/l	100
86) p-Isopropyltoluene	11.797	119	217021	21.843	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	108667	20.878	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	109376	20.542	ug/l	98
89) n-Butylbenzene	12.211	91	201480	22.017	ug/l	100
90) Hexachloroethane	12.478	117	34612	19.292	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	111190	20.898	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	24036	20.917	ug/l	100
93) 1,2,4-Trichlorobenzene	13.845	180	73061	24.640	ug/l	100
94) Hexachlorobutadiene	14.025	225	28028	22.644	ug/l	99
95) Naphthalene	14.089	128	282598	25.340	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	73654	24.733	ug/l	98

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

