

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045457.D
 Acq On : 29 Oct 2021 12:27
 Operator : SY/MD
 Sample : VU1029WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBS01

Quant Time: Oct 30 04:03:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	198775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	373309	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	348848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	169130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	168237	51.987	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.980%			
35) Dibromofluoromethane	5.295	113	120994	50.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	7.899	98	480941	51.669	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.340%			
62) 4-Bromofluorobenzene	10.636	95	181726	51.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58950	20.469	ug/l	98
3) Chloromethane	1.520	50	80089	20.248	ug/l	99
4) Vinyl Chloride	1.607	62	70698	21.531	ug/l	99
5) Bromomethane	1.861	94	44742	22.446	ug/l	99
6) Chloroethane	1.935	64	43339	21.907	ug/l	98
7) Trichlorofluoromethane	2.141	101	78770	21.426	ug/l	97
8) Diethyl Ether	2.379	74	36430	21.373	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	48165	21.807	ug/l	99
10) Methyl Iodide	2.726	142	34894	22.664	ug/l	100
11) Tert butyl alcohol	3.221	59	77775	111.342	ug/l	99
12) 1,1-Dichloroethene	2.584	96	47977	21.126	ug/l	99
13) Acrolein	2.494	56	14330	91.659	ug/l	98
14) Allyl chloride	2.928	41	89838	21.544	ug/l	99
15) Acrylonitrile	3.321	53	182543	107.786	ug/l	100
16) Acetone	2.642	43	186749	127.114	ug/l	99
17) Carbon Disulfide	2.800	76	139839	21.159	ug/l	99
18) Methyl Acetate	2.954	43	117437	21.466	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	178084	21.313	ug/l	99
20) Methylene Chloride	3.051	84	59508	20.327	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	52038	21.264	ug/l	97
22) Diisopropyl ether	3.996	45	177621	21.782	ug/l	97
23) Vinyl Acetate	3.961	43	690741	109.200	ug/l	100
24) 1,1-Dichloroethane	3.874	63	103355	21.629	ug/l	99
25) 2-Butanone	4.710	43	259657	117.075	ug/l	100
26) 2,2-Dichloropropane	4.671	77	83679	22.604	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	60697	21.554	ug/l	97
28) Bromochloromethane	4.980	49	50339	21.357	ug/l	99
29) Tetrahydrofuran	5.057	42	156373	108.719	ug/l	99
30) Chloroform	5.092	83	99143	21.398	ug/l	99
31) Cyclohexane	5.391	56	101161	20.996	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	82300	21.643	ug/l	99
36) 1,1-Dichloropropene	5.530	75	76014	21.391	ug/l	99
37) Ethyl Acetate	4.806	43	89329	20.756	ug/l	99
38) Carbon Tetrachloride	5.530	117	65059	20.992	ug/l	98
39) Methylcyclohexane	6.768	83	93881	21.245	ug/l	98
40) Benzene	5.777	78	227835	21.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	49269	21.632	ug/l	98
42) 1,2-Dichloroethane	5.797	62	82619	21.029	ug/l	100
43) Isopropyl Acetate	5.912	43	138011	21.279	ug/l	99
44) Trichloroethene	6.546	130	52257	21.077	ug/l	97
45) 1,2-Dichloropropane	6.793	63	59863	21.264	ug/l	99
46) Dibromomethane	6.922	93	39189	21.379	ug/l	99
47) Bromodichloromethane	7.108	83	76595	21.232	ug/l	97
48) Methyl methacrylate	6.964	41	64092	20.849	ug/l	99
49) 1,4-Dioxane	7.015	88	32325	413.745	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	447689	106.796	ug/l	99
52) Toluene	7.973	92	139316	21.425	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	86235	20.973	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	94665	21.498	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	55700	20.970	ug/l	100
56) Ethyl methacrylate	8.337	69	90726	19.695	ug/l	99
57) 1,3-Dichloropropane	8.578	76	99865	21.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	243212	99.896	ug/l	99
59) 2-Hexanone	8.687	43	355901	109.578	ug/l	99
60) Dibromochloromethane	8.812	129	52706	20.676	ug/l	100
61) 1,2-Dibromoethane	8.925	107	58182	20.913	ug/l	99
64) Tetrachloroethene	8.555	164	41871	20.998	ug/l	98
65) Chlorobenzene	9.449	112	138912	21.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	47135	21.122	ug/l	99
67) Ethyl Benzene	9.571	91	258036	21.297	ug/l	99
68) m/p-Xylenes	9.697	106	197259	43.131	ug/l	99
69) o-Xylene	10.102	106	95982	21.523	ug/l	99
70) Styrene	10.118	104	159991	20.000	ug/l	99
71) Bromoform	10.295	173	37087	19.630	ug/l #	98
73) Isopropylbenzene	10.488	105	249123	21.845	ug/l	100
74) N-amyl acetate	10.320	43	111397	19.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	96911	21.411	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	92840m	20.602	ug/l	
77) Bromobenzene	10.783	156	57354	21.554	ug/l	98
78) n-propylbenzene	10.909	91	306655	22.179	ug/l	100
79) 2-Chlorotoluene	10.989	91	181908	21.858	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	213432	22.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	29973	20.295	ug/l	97
82) 4-Chlorotoluene	11.099	91	210850	22.280	ug/l	100
83) tert-Butylbenzene	11.423	119	202832	21.897	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	212231	22.073	ug/l	99
85) sec-Butylbenzene	11.645	105	267102	21.974	ug/l	100
86) p-Isopropyltoluene	11.796	119	219813	20.524	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	110902	21.114	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	112187	20.887	ug/l	100
89) n-Butylbenzene	12.211	91	209983	20.487	ug/l	100
90) Hexachloroethane	12.478	117	36893	21.264	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	109967	20.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	23428	21.550	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	73781	20.972	ug/l	99
94) Hexachlorobutadiene	14.024	225	28876	22.543	ug/l	96
95) Naphthalene	14.089	128	278312	20.070	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	76203	21.489	ug/l	99

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

