

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045413.D
 Acq On : 26 Oct 2021 20:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 27 04:41:50 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	192962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358821	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	332204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	157421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	175768	54.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.440%			
35) Dibromofluoromethane	5.292	113	127228	56.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.420%			
50) Toluene-d8	7.899	98	490617	54.856	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.720%			
62) 4-Bromofluorobenzene	10.635	95	184171	49.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	133441	55.845	ug/l	98
3) Chloromethane	1.520	50	188368	60.860	ug/l	99
4) Vinyl Chloride	1.604	62	163439	52.885	ug/l	100
5) Bromomethane	1.854	94	83110	68.558	ug/l	99
6) Chloroethane	1.928	64	73488	30.954	ug/l	100
7) Trichlorofluoromethane	2.134	101	199001	48.760	ug/l	99
8) Diethyl Ether	2.379	74	92234	49.313	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.581	101	115637	49.821	ug/l	99
10) Methyl Iodide	2.723	142	135045	54.513	ug/l	97
11) Tert butyl alcohol	3.205	59	168245	182.500	ug/l #	89
12) 1,1-Dichloroethene	2.581	96	116292	50.831	ug/l	93
13) Acrolein	2.491	56	51265	284.765	ug/l	99
14) Allyl chloride	2.925	41	215979	51.012	ug/l	97
15) Acrylonitrile	3.321	53	434051	233.458	ug/l	99
16) Acetone	2.636	43	359635	188.623	ug/l	98
17) Carbon Disulfide	2.793	76	316716	46.896	ug/l	100
18) Methyl Acetate	2.951	43	284077	50.978	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	453220	51.319	ug/l	99
20) Methylene Chloride	3.047	84	144620	50.358	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	126359	50.489	ug/l	93
22) Diisopropyl ether	3.996	45	448627	51.901	ug/l	93
23) Vinyl Acetate	3.957	43	1709038	243.099	ug/l	99
24) 1,1-Dichloroethane	3.874	63	252713	50.928	ug/l	99
25) 2-Butanone	4.706	43	565664	208.818	ug/l	97
26) 2,2-Dichloropropane	4.668	77	195221	46.533	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	149900	50.713	ug/l	97
28) Bromochloromethane	4.977	49	93996	45.702	ug/l	93
29) Tetrahydrofuran	5.054	42	364143	225.820	ug/l	96
30) Chloroform	5.092	83	247828	49.552	ug/l	100
31) Cyclohexane	5.391	56	236757	48.524	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	206428	50.023	ug/l	98
36) 1,1-Dichloropropene	5.530	75	184181	49.083	ug/l	99
37) Ethyl Acetate	4.806	43	216741	43.655	ug/l	97
38) Carbon Tetrachloride	5.530	117	163196	50.260	ug/l	99
39) Methylcyclohexane	6.764	83	228557	49.616	ug/l	97
40) Benzene	5.777	78	552885	49.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	121676	47.605	ug/l	97
42) 1,2-Dichloroethane	5.796	62	204924	46.651	ug/l	99
43) Isopropyl Acetate	5.912	43	343300	45.961	ug/l	97
44) Trichloroethene	6.546	130	127942	48.555	ug/l	98
45) 1,2-Dichloropropane	6.793	63	146285	49.370	ug/l	98
46) Dibromomethane	6.922	93	97985	49.089	ug/l	98
47) Bromodichloromethane	7.108	83	193624	49.960	ug/l	99
48) Methyl methacrylate	6.964	41	164890	45.353	ug/l	96
49) 1,4-Dioxane	7.002	88	80875	868.489	ug/l #	79
51) 4-Methyl-2-Pentanone	7.793	43	1113923	204.848	ug/l	97
52) Toluene	7.970	92	344830	49.299	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	217347	49.041	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	234645	50.828	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	137922	47.323	ug/l	98
56) Ethyl methacrylate	8.337	69	237935	42.335	ug/l	95
57) 1,3-Dichloropropane	8.578	76	245901	47.276	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	470210	259.091	ug/l	97
59) 2-Hexanone	8.690	43	857351	193.612	ug/l	96
60) Dibromochloromethane	8.812	129	134885	43.925	ug/l	99
61) 1,2-Dibromoethane	8.925	107	148257	47.856	ug/l	100
64) Tetrachloroethene	8.555	164	105335	48.581	ug/l	99
65) Chlorobenzene	9.449	112	343597	49.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	120632	49.609	ug/l	99
67) Ethyl Benzene	9.571	91	642006	50.092	ug/l	99
68) m/p-Xylenes	9.697	106	490587	98.526	ug/l	100
69) o-Xylene	10.102	106	241100	48.788	ug/l	99
70) Styrene	10.118	104	406573	49.041	ug/l	100
71) Bromoform	10.295	173	99239	42.735	ug/l #	100
73) Isopropylbenzene	10.488	105	625632	53.368	ug/l	100
74) N-amyl acetate	10.324	43	308892	52.330	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	244769	48.256	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	214045m	46.616	ug/l	
77) Bromobenzene	10.783	156	142461	50.326	ug/l	99
78) n-propylbenzene	10.909	91	745911	52.213	ug/l	100
79) 2-Chlorotoluene	10.989	91	450344	50.291	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	528449	51.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	80611	48.721	ug/l	97
82) 4-Chlorotoluene	11.098	91	510314	50.418	ug/l	100
83) tert-Butylbenzene	11.423	119	518051	51.862	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	530781	52.242	ug/l	99
85) sec-Butylbenzene	11.645	105	661257	51.404	ug/l	99
86) p-Isopropyltoluene	11.796	119	540201	52.205	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	267624	49.368	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	271321	48.926	ug/l	99
89) n-Butylbenzene	12.211	91	502277	52.700	ug/l	99
90) Hexachloroethane	12.478	117	91915	49.190	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	277211	50.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	58734	49.075	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	177272	57.402	ug/l	99
94) Hexachlorobutadiene	14.024	225	67637	52.466	ug/l	99
95) Naphthalene	14.089	128	693726	59.726	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	182982	58.997	ug/l	100

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

