

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045790.D
 Acq On : 15 Nov 2021 13:37
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV039

Quant Time: Nov 16 03:10:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100557	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	50440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40457	5.078	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.916	69	30585	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.568	65	17072	5.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.639	46	113267	53.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.100%
24) Chloroform-d	5.070	84	72705	5.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.707	65	40307	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.729	84	150036	5.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	6.694	67	46823	5.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.903	98	136210	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
43) trans-1,3-Dichloroprop...	8.182	79	19509	5.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.200%
46) 2-Hexanone-d5	8.636	63	85714	54.280	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.560%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39590	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	48189	5.564	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	43921	5.364	ug/L	99
3) Chloromethane	1.520	50	43841	5.053	ug/L	97
5) Vinyl chloride	1.604	62	46001	5.282	ug/L	99
6) Bromomethane	1.858	94	26557	5.142	ug/L	99
8) Chloroethane	1.935	64	26413	5.319	ug/L	98
9) Trichlorofluoromethane	2.141	101	60647	5.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	34921	5.297	ug/L	98
12) 1,1-Dichloroethene	2.581	96	32815	5.272	ug/L	97
13) Acetone	2.658	43	66486	52.907	ug/L	97
14) Carbon disulfide	2.797	76	102578	5.210	ug/L	99
15) Methyl Acetate	2.957	43	16303	5.287	ug/L	98
16) Methylene chloride	3.051	84	39239	4.270	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	88268	5.447	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	35061	5.254	ug/L	99
19) 1,1-Dichloroethane	3.874	63	66793	5.343	ug/L	98
21) 2-Butanone	4.719	43	112002	52.972	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	39623	5.477	ug/L	98
23) Bromochloromethane	4.980	128	17905	5.678	ug/L	96
25) Chloroform	5.092	83	68856	5.077	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	45666	5.277	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	58944	5.448	ug/L	98
30) Cyclohexane	5.395	56	58653	5.466	ug/L	100
31) Carbon tetrachloride	5.530	117	50088	5.506	ug/L	100
33) Benzene	5.777	78	148826	5.356	ug/L	100
34) Trichloroethene	6.546	95	38717	5.406	ug/L	99
35) Methylcyclohexane	6.768	83	61525	5.594	ug/L	98
37) 1,2-Dichloropropane	6.797	63	39995	5.469	ug/L	100
38) Bromodichloromethane	7.112	83	49042	5.435	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	57425	5.526	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	260909	54.396	ug/L	99
42) Toluene	7.973	91	159829	5.572	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	49821	5.511	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	29767	5.483	ug/L	97
47) Tetrachloroethene	8.559	164	28294	5.644	ug/L	96
48) 2-Hexanone	8.687	43	195289	56.359	ug/L	100
49) Dibromochloromethane	8.813	129	33401	5.402	ug/L	98
50) 1,2-Dibromoethane	8.928	107	28275	5.528	ug/L	100
51) Chlorobenzene	9.449	112	99632	5.537	ug/L	99
52) Ethylbenzene	9.575	91	168631	5.617	ug/L	100
53) m,p-Xylene	9.697	106	67624	5.880	ug/L	99
54) o-Xylene	10.105	106	63113	5.687	ug/L	93
55) Styrene	10.118	104	107555	5.757	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	36898	5.307	ug/L	97
59) Bromoform	10.295	173	18740	5.609	ug/L	98
60) Isopropylbenzene	10.488	105	168391	5.686	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	27802	5.310	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	141944	5.862	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	141305	5.825	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	77709	5.625	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	78636	5.603	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	73783	5.570	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	5980	5.489	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	57434	5.558	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	48158	5.507	ug/L	97
71) Naphthalene	14.089	128	100606	5.600	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	47999	5.516	ug/L	98

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

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