

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021277.D
 Acq On : 18 Mar 2021 12:16
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV302

Quant Time: Mar 19 01:23:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	61061	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	57469	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	28309	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	18406	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.693	69	14144	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.340	63	43150	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	4.523	46	50466	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	5.141	84	40736	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	6.029	65	22823	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	6.047	84	74116	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.364	67	23290	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	8.694	98	72849	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.994	79	10087	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	9.424	63	41150	48.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.66%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	17870	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
66) 1,2-Dichlorobenzene-d4	12.359	152	25400	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%
Target Compounds						
2) Dichlorodifluoromethane	1.181	85	36492	5.11	ug/L	99
3) Chloromethane	1.311	50	33682	4.76	ug/L	96
5) Vinyl chloride	1.393	62	27699	5.02	ug/L	97
6) Bromomethane	1.628	94	10697	4.75	ug/L	98
8) Chloroethane	1.711	64	15621	4.99	ug/L	96
9) Trichlorofluoromethane	1.917	101	41266	5.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	24267	5.19	ug/L	95
12) 1,1-Dichloroethene	2.352	96	22037	5.12	ug/L	86
13) Acetone	2.417	43	35914	48.84	ug/L	88
14) Carbon disulfide	2.552	76	72972	5.07	ug/L	100
15) Methyl Acetate	2.746	43	9896	4.87	ug/L	90
16) Methylene chloride	2.834	84	24559	4.51	ug/L	83
17) Methyl tert-butyl Ether	3.164	73	55456	5.07	ug/L	# 93
18) trans-1,2-Dichloroethene	3.140	96	23064	5.03	ug/L	89
19) 1,1-Dichloroethane	3.670	63	43478	5.11	ug/L	98
21) 2-Butanone	4.635	43	60978	50.60	ug/L	91
22) cis-1,2-Dichloroethene	4.564	96	24310	4.96	ug/L	90
23) Bromochloromethane	4.976	128	10454	5.27	ug/L	86
25) Chloroform	5.170	83	45289	5.05	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.164	62	30650	5.01	ug/L	96
29) 1,1,1-Trichloroethane	5.458	97	41057	4.91	ug/L	96
30) Cyclohexane	5.547	56	41760	4.93	ug/L	93
31) Carbon tetrachloride	5.752	117	36189	4.89	ug/L	99
33) Benzene	6.111	78	94885	5.01	ug/L	100
34) Trichloroethene	7.182	95	25939	4.99	ug/L	92
35) Methylcyclohexane	7.441	83	41811	5.02	ug/L	96
37) 1,2-Dichloropropane	7.488	63	24414	5.09	ug/L #	97
38) Bromodichloromethane	7.870	83	32840	4.99	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	36279	4.97	ug/L	99
40) 4-Methyl-2-pentanone	8.618	43	153848	50.39	ug/L #	89
42) Toluene	8.765	91	102323	5.08	ug/L	99
44) trans-1,3-Dichloropropene	9.023	75	30445	4.93	ug/L	100
45) 1,1,2-Trichloroethane	9.194	97	16259	5.05	ug/L	97
47) Tetrachloroethene	9.318	164	18829	4.91	ug/L	94
48) 2-Hexanone	9.471	43	111216	50.47	ug/L #	87
49) Dibromochloromethane	9.565	129	20267	4.90	ug/L	89
50) 1,2-Dibromoethane	9.653	107	15548	4.97	ug/L #	98
51) Chlorobenzene	10.118	112	64804	5.11	ug/L	97
52) Ethylbenzene	10.235	91	118054	5.10	ug/L	96
53) m,p-xylene	10.341	106	42786	4.99	ug/L	93
54) o-xylene	10.683	106	40285	4.98	ug/L	97
55) Styrene	10.694	104	70399	5.08	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.253	83	19648	5.04	ug/L	96
59) Bromoform	10.841	173	10964	5.03	ug/L	97
60) Isopropylbenzene	11.000	105	115056	5.28	ug/L	97
61) 1,2,3-Trichloropropane	11.277	75	15136	5.07	ug/L	97
62) 1,3,5-Trimethylbenzene	11.489	105	98944	5.29	ug/L	96
63) 1,2,4-Trimethylbenzene	11.789	105	100182	5.33	ug/L	97
64) 1,3-Dichlorobenzene	12.006	146	49748	5.09	ug/L	95
65) 1,4-Dichlorobenzene	12.083	146	50804	5.17	ug/L	98
67) 1,2-Dichlorobenzene	12.377	146	45328	5.17	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	3591	4.85	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.153	180	38212	5.24	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	32431	5.20	ug/L	95
71) Naphthalene	13.818	128	58380	5.18	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	29661	5.42	ug/L	92

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

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