

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012622\
 Data File : VX026581.D
 Acq On : 25 Jan 2022 20:50
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV629

Quant Time: Jan 26 03:19:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 03:14:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	55481	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	54707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	19522	4.967	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.672	69	15859	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.312	63	41904	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.483	46	53452	51.479	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.960%
24) Chloroform-d	5.062	84	43778	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.958	65	21833	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.976	84	86719	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	7.311	67	25361	4.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	8.653	98	81606	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.951	79	8293	5.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	9.390	63	43061	52.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17771	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	28726	4.914	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28308	4.940	ug/L	95
3) Chloromethane	1.294	50	21155	5.041	ug/L	92
5) Vinyl chloride	1.374	62	21397	5.040	ug/L	99
6) Bromomethane	1.617	94	11781	5.017	ug/L	95
8) Chloroethane	1.691	64	12186	4.823	ug/L	99
9) Trichlorofluoromethane	1.892	101	28653	4.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	19084	5.065	ug/L	98
12) 1,1-Dichloroethene	2.325	96	18013	4.993	ug/L	92
13) Acetone	2.416	43	26743	47.665	ug/L	96
14) Carbon disulfide	2.514	76	54987	4.812	ug/L	100
15) Methyl Acetate	2.715	43	6901	4.944	ug/L #	76
16) Methylene chloride	2.794	84	17980	4.813	ug/L #	77
17) Methyl tert-butyl Ether	3.117	73	38637	4.961	ug/L #	91
18) trans-1,2-Dichloroethene	3.093	96	18749	4.963	ug/L	94
19) 1,1-Dichloroethane	3.617	63	33117	4.990	ug/L	98
21) 2-Butanone	4.586	43	43477	48.514	ug/L	81
22) cis-1,2-Dichloroethene	4.495	96	19722	4.801	ug/L	98
23) Bromochloromethane	4.903	128	8476	5.064	ug/L #	75
25) Chloroform	5.098	83	36587	4.587	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	20930	4.960	ug/L #	90
29) 1,1,1-Trichloroethane	5.391	97	29687	4.965	ug/L #	92
30) Cyclohexane	5.476	56	32893	5.050	ug/L	89
31) Carbon tetrachloride	5.684	117	25681	4.888	ug/L	98
33) Benzene	6.043	78	76485	4.999	ug/L	100
34) Trichloroethene	7.129	95	20832	4.933	ug/L	87
35) Methylcyclohexane	7.385	83	33124	5.055	ug/L	92
37) 1,2-Dichloropropane	7.433	63	17977	4.946	ug/L	100
38) Bromodichloromethane	7.824	83	22956	4.845	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	24451	5.039	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	104628	50.743	ug/L #	84
42) Toluene	8.720	91	82631	5.032	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	18802	5.042	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	12257	4.928	ug/L	94
47) Tetrachloroethene	9.275	164	16149	5.125	ug/L	83
48) 2-Hexanone	9.433	43	75321	50.837	ug/L #	86
49) Dibromochloromethane	9.525	129	14333	4.967	ug/L	93
50) 1,2-Dibromoethane	9.610	107	11332	4.967	ug/L	97
51) Chlorobenzene	10.079	112	51751	4.964	ug/L	94
52) Ethylbenzene	10.195	91	88677	5.006	ug/L	95
53) m,p-xylene	10.305	106	34480	4.968	ug/L	85
54) o-xylene	10.640	106	33395	5.094	ug/L	84
55) Styrene	10.658	104	56143	5.153	ug/L	89
57) 1,1,2,2-Tetrachloroethane	11.213	83	13166	5.071	ug/L	98
59) Bromoform	10.799	173	6834	4.812	ug/L #	98
60) Isopropylbenzene	10.963	105	88988	4.980	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	10454	4.909	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	75174	5.078	ug/L	91
63) 1,2,4-Trimethylbenzene	11.756	105	76820	5.047	ug/L	92
64) 1,3-Dichlorobenzene	11.969	146	40152	5.005	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	40773	4.947	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	36567	4.952	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	2046	4.763	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.115	180	30532	5.078	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	25362	4.967	ug/L	95
71) Naphthalene	13.780	128	46599	5.072	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	23204	5.059	ug/L	97

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

