

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024865.D
 Acq On : 22 Oct 2021 12:16
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV623

Quant Time: Oct 23 03:52:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	83594	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	76831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	41823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12964	5.282	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.672	69	11615	5.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.313	63	43520	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.471	46	46675	52.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.040%
24) Chloroform-d	5.062	84	62122	5.258	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.958	65	30682	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.983	84	93927	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	7.312	67	27387	4.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	8.653	98	93986	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.952	79	13497	5.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	9.391	63	50892	53.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.880%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23887	5.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	34090	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48451	5.048	ug/L	94
3) Chloromethane	1.288	50	17148	5.117	ug/L	94
5) Vinyl chloride	1.374	62	20638	5.041	ug/L	99
6) Bromomethane	1.618	94	14846	4.647	ug/L	88
8) Chloroethane	1.691	64	10712	4.357	ug/L	97
9) Trichlorofluoromethane	1.892	101	58997	4.838	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	30883	4.829	ug/L	96
12) 1,1-Dichloroethene	2.325	96	24889	4.853	ug/L	93
13) Acetone	2.410	43	31884	47.374	ug/L	98
14) Carbon disulfide	2.514	76	65486	4.682	ug/L	97
15) Methyl Acetate	2.715	43	7244	4.734	ug/L	96
16) Methylene chloride	2.794	84	28036	4.705	ug/L	93
17) Methyl tert-butyl Ether	3.117	73	70691	4.796	ug/L	99
18) trans-1,2-Dichloroethene	3.099	96	27848	4.657	ug/L	98
19) 1,1-Dichloroethane	3.611	63	48928	4.682	ug/L	98
21) 2-Butanone	4.587	43	47406	47.890	ug/L	95
22) cis-1,2-Dichloroethene	4.495	96	30303	4.730	ug/L	83
23) Bromochloromethane	4.904	128	13399	4.628	ug/L	92
25) Chloroform	5.099	83	67012	4.932	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	38481	4.622	ug/L #	87
29) 1,1,1-Trichloroethane	5.385	97	64803	4.859	ug/L	98
30) Cyclohexane	5.470	56	40333	4.872	ug/L	98
31) Carbon tetrachloride	5.684	117	55469	4.833	ug/L	99
33) Benzene	6.044	78	110712	4.932	ug/L	100
34) Trichloroethene	7.129	95	35892	4.909	ug/L	93
35) Methylcyclohexane	7.385	83	51638	5.053	ug/L	98
37) 1,2-Dichloropropane	7.434	63	25500	4.647	ug/L	99
38) Bromodichloromethane	7.824	83	45161	4.942	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	45305	4.898	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	114977	47.038	ug/L	99
42) Toluene	8.720	91	131472	5.008	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	41837	4.992	ug/L	97
45) 1,1,2-Trichloroethane	9.159	97	21371	4.842	ug/L	96
47) Tetrachloroethene	9.275	164	24187	4.736	ug/L	94
48) 2-Hexanone	9.433	43	85675	48.007	ug/L	99
49) Dibromochloromethane	9.525	129	28764	4.988	ug/L	99
50) 1,2-Dibromoethane	9.610	107	21456	4.852	ug/L	97
51) Chlorobenzene	10.086	112	80788	4.846	ug/L	97
52) Ethylbenzene	10.195	91	153008	4.938	ug/L	99
53) m,p-xylene	10.305	106	56945	5.181	ug/L	99
54) o-xylene	10.646	106	55450	5.175	ug/L	91
55) Styrene	10.659	104	91663	5.097	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	24344	4.779	ug/L #	99
59) Bromoform	10.799	173	12555	4.329	ug/L	91
60) Isopropylbenzene	10.963	105	160412	4.815	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	18978	4.650	ug/L	95
62) 1,3,5-Trimethylbenzene	11.457	105	140174	4.819	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	141669	4.755	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	66455	4.795	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	67855	4.883	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	60676	4.763	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	4841	4.873	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.115	180	52236	4.951	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	42757	5.124	ug/L	94
71) Naphthalene	13.780	128	77548	5.158	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	36483	4.861	ug/L	96

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

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