

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058768.D
 Acq On : 22 Apr 2024 15:12
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

Quant Time: Apr 23 00:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:57:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	38796	5.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.904	69	29518	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.557	65	20144	5.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.400%
20) 2-Butanone-d5	4.624	46	74964	55.183	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.360%
24) Chloroform-d	5.052	84	85561	5.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.692	65	40875	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.718	84	160678	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.682	67	47302	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.888	98	144216	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	8.174	79	17322	5.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.627	63	54791	57.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29568	5.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	44530	5.648	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	56431	5.242	ug/L	98
3) Chloromethane	1.512	50	42463	5.039	ug/L	97
5) Vinyl chloride	1.596	62	43041	5.034	ug/L	99
6) Bromomethane	1.850	94	25033	4.947	ug/L	95
8) Chloroethane	1.927	64	24206	5.026	ug/L	99
9) Trichlorofluoromethane	2.129	101	67967	5.079	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42149	5.284	ug/L	99
12) 1,1-Dichloroethene	2.570	96	37457	5.232	ug/L	94
13) Acetone	2.644	43	51086	54.410	ug/L	99
14) Carbon disulfide	2.785	76	125245	5.144	ug/L	100
15) Methyl Acetate	2.949	43	12430	5.522	ug/L	98
16) Methylene chloride	3.033	84	40580	5.268	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	85958	5.304	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	38643	5.389	ug/L	99
19) 1,1-Dichloroethane	3.856	63	80429	5.297	ug/L	99
21) 2-Butanone	4.705	43	77328	52.375	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	42201	5.358	ug/L	99
23) Bromochloromethane	4.965	128	16317	5.291	ug/L	96
25) Chloroform	5.074	83	81698	5.176	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47499	5.031	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	73779	5.272	ug/L	99
30) Cyclohexane	5.377	56	70403	5.329	ug/L	99
31) Carbon tetrachloride	5.512	117	64315	5.200	ug/L	100
33) Benzene	5.763	78	170397	5.253	ug/L	100
34) Trichloroethene	6.534	95	46817	5.304	ug/L	97
35) Methylcyclohexane	6.753	83	71247	5.311	ug/L	99
37) 1,2-Dichloropropane	6.782	63	43015	5.076	ug/L	99
38) Bromodichloromethane	7.097	83	54532	5.195	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	61535	5.245	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	200559	53.622	ug/L	100
42) Toluene	7.962	91	178942	5.337	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	47525	5.262	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	25861	5.304	ug/L	97
47) Tetrachloroethene	8.544	164	33305	5.376	ug/L	96
48) 2-Hexanone	8.676	43	140940	53.046	ug/L	98
49) Dibromochloromethane	8.801	129	30604	5.359	ug/L	99
50) 1,2-Dibromoethane	8.917	107	23497	5.238	ug/L	90
51) Chlorobenzene	9.441	112	107510	5.263	ug/L	98
52) Ethylbenzene	9.563	91	197733	5.347	ug/L	99
53) m,p-Xylene	9.685	106	72948	5.371	ug/L	97
54) o-Xylene	10.094	106	69529	5.400	ug/L	93
55) Styrene	10.106	104	114838	5.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	29234	5.145	ug/L	97
59) Bromoform	10.283	173	16473	5.199	ug/L	98
60) Isopropylbenzene	10.476	105	192747	5.371	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	21801	5.295	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	162068	5.427	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	156229	5.529	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	82789	5.353	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	80057	5.305	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	72026	5.379	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4618	6.490	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	60351	5.454	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	41462	5.390	ug/L	99
71) Naphthalene	14.081	128	47103	5.062	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	32630	5.353	ug/L	99

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

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