

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082224\
 Data File : U060506.D
 Acq On : 22 Aug 2024 16:46
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV011

Quant Time: Aug 23 07:14:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:59:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	92010	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	94814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18281	4.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.907	69	27373	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.550	65	14878	5.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	4.637	46	73731	49.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.320%
24) Chloroform-d	5.055	84	58191	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	29627	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.718	84	102118	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	34316	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	93255	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.177	79	12011	4.879	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.643	63	56742	52.847	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	27162	4.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	33861	5.065	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49230	4.588	ug/L	97
3) Chloromethane	1.518	50	42827	4.886	ug/L	94
5) Vinyl chloride	1.602	62	41773	5.019	ug/L	99
6) Bromomethane	1.856	94	35767	4.779	ug/L	95
8) Chloroethane	1.930	64	34600	4.402	ug/L	98
9) Trichlorofluoromethane	2.123	101	85535	4.589	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	46502	5.021	ug/L	99
12) 1,1-Dichloroethene	2.567	96	45360	5.440	ug/L	87
13) Acetone	2.650	43	79687	55.915	ug/L	96
14) Carbon disulfide	2.779	76	154826	5.268	ug/L	99
15) Methyl Acetate	2.959	43	19114	5.568	ug/L #	70
16) Methylene chloride	3.033	84	51534	5.280	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	104041	5.722	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	43460	5.519	ug/L	98
19) 1,1-Dichloroethane	3.856	63	87622	5.765	ug/L	99
21) 2-Butanone	4.721	43	89008	50.615	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	34661	4.895	ug/L	94
23) Bromochloromethane	4.968	128	16580	5.101	ug/L	91
25) Chloroform	5.078	83	69310	4.792	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	46575	4.883	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	61054	4.791	ug/L	99
30) Cyclohexane	5.377	56	53525	4.881	ug/L	99
31) Carbon tetrachloride	5.512	117	53421	4.660	ug/L	99
33) Benzene	5.766	78	143983	4.974	ug/L	100
34) Trichloroethene	6.534	95	36892	4.630	ug/L	97
35) Methylcyclohexane	6.756	83	53051	4.685	ug/L	98
37) 1,2-Dichloropropane	6.782	63	39160	4.932	ug/L	99
38) Bromodichloromethane	7.097	83	47976	4.776	ug/L #	98
39) cis-1,3-Dichloropropene	7.602	75	53882	4.914	ug/L	99
40) 4-Methyl-2-pentanone	7.795	43	223128	53.044	ug/L	99
42) Toluene	7.962	91	154746	4.987	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	46581	5.033	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	26502	4.851	ug/L	99
47) Tetrachloroethene	8.547	164	29472	4.615	ug/L	98
48) 2-Hexanone	8.695	43	173173	55.372	ug/L	98
49) Dibromochloromethane	8.804	129	32979	5.049	ug/L	93
50) 1,2-Dibromoethane	8.920	107	24351	4.904	ug/L #	96
51) Chlorobenzene	9.444	112	95880	4.757	ug/L	99
52) Ethylbenzene	9.566	91	157457	4.797	ug/L	100
53) m,p-Xylene	9.688	106	64017	5.258	ug/L	95
54) o-Xylene	10.097	106	59275	5.082	ug/L	95
55) Styrene	10.113	104	105016	5.210	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	32912	4.916	ug/L #	96
59) Bromoform	10.290	173	18846	5.178	ug/L	94
60) Isopropylbenzene	10.479	105	156426	5.492	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	28154	6.416	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	126131	5.603	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	127394	5.443	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	74579	4.973	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	73775	4.916	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	69486	5.193	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	6298	7.010	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	53549	5.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	40744	5.127	ug/L	100
71) Naphthalene	14.084	128	57388	5.236	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	35572	4.753	ug/L	99

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

