

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040224\
 Data File : U058325.D
 Acq On : 02 Apr 2024 08:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Apr 03 01:49:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73929	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25294	4.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.907	69	24211	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.563	65	11294	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.624	46	55103	49.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.055	84	54598	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	25289	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.721	84	105196	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	32814	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	93733	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.174	79	10406	4.821	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	41250	47.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21561	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	29510	4.731	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12241	4.020	ug/L	99
3) Chloromethane	1.515	50	14371	3.703	ug/L	98
5) Vinyl chloride	1.599	62	17470	4.122	ug/L	99
6) Bromomethane	1.853	94	7757	3.412	ug/L	97
8) Chloroethane	1.930	64	13130	4.698	ug/L	97
9) Trichlorofluoromethane	2.136	101	31050	4.508	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20308	4.594	ug/L	99
12) 1,1-Dichloroethene	2.576	96	16084	4.340	ug/L	95
13) Acetone	2.640	43	37503	52.209	ug/L	99
14) Carbon disulfide	2.788	76	29871	3.607	ug/L	99
15) Methyl Acetate	2.952	43	7321	4.910	ug/L	99
16) Methylene chloride	3.036	84	20727	3.947	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	45295	4.554	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	17303	4.467	ug/L	97
19) 1,1-Dichloroethane	3.859	63	41862	4.810	ug/L	95
21) 2-Butanone	4.705	43	54057	49.534	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	22637	4.730	ug/L	100
23) Bromochloromethane	4.968	128	8649	4.843	ug/L	97
25) Chloroform	5.081	83	44910	4.921	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	24421	4.713	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	33646	4.624	ug/L	96
30) Cyclohexane	5.383	56	25591	4.027	ug/L	98
31) Carbon tetrachloride	5.518	117	28224	4.557	ug/L	99
33) Benzene	5.769	78	85709	4.637	ug/L	100
34) Trichloroethene	6.537	95	21751	4.517	ug/L	98
35) Methylcyclohexane	6.756	83	27237	4.056	ug/L	97
37) 1,2-Dichloropropane	6.785	63	24695	4.783	ug/L	100
38) Bromodichloromethane	7.100	83	29383	4.964	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	31846	4.863	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	125119	47.922	ug/L	98
42) Toluene	7.965	91	90313	4.624	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	25639	4.975	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15688	4.824	ug/L	97
47) Tetrachloroethene	8.547	164	14516	4.500	ug/L	97
48) 2-Hexanone	8.679	43	90910	47.814	ug/L	96
49) Dibromochloromethane	8.804	129	18013	5.062	ug/L	96
50) 1,2-Dibromoethane	8.920	107	13073	4.669	ug/L	99
51) Chlorobenzene	9.441	112	59555	4.733	ug/L	98
52) Ethylbenzene	9.563	91	101574	4.658	ug/L	98
53) m,p-Xylene	9.688	106	35926	4.624	ug/L	97
54) o-Xylene	10.094	106	36723	4.682	ug/L	98
55) Styrene	10.110	104	59580	4.811	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19259	5.024	ug/L	97
59) Bromoform	10.286	173	9312	5.294	ug/L	94
60) Isopropylbenzene	10.479	105	94951	4.719	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13723	4.893	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	77084	4.565	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	77237	4.605	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	45671	4.874	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	43589	4.813	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	41404	4.778	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2468	5.835	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	32772	5.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	23477	4.804	ug/L	98
71) Naphthalene	14.084	128	26854	4.035	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19314	4.826	ug/L	99

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

