

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082624\
 Data File : VU060541.D
 Acq On : 26 Aug 2024 10:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005178

Quant Time: Aug 27 05:46:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	95276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	100791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18160	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.907	69	28990	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.560	65	14413	5.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.200%
20) 2-Butanone-d5	4.634	46	72016	49.766	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.540%
24) Chloroform-d	5.055	84	60138	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	30832	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	106796	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	33994	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	97400	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.177	79	12395	4.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.631	63	54728	44.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	28537	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	37139	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54728	5.062	ug/L	97
3) Chloromethane	1.515	50	41979	4.481	ug/L	99
5) Vinyl chloride	1.599	62	42021	4.556	ug/L	99
6) Bromomethane	1.853	94	34213	3.686	ug/L	100
8) Chloroethane	1.930	64	37212	4.421	ug/L	96
9) Trichlorofluoromethane	2.132	101	91048	4.540	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49958	5.889	ug/L	99
12) 1,1-Dichloroethene	2.573	96	47175	6.041	ug/L	96
13) Acetone	2.650	43	61366	50.679	ug/L	99
14) Carbon disulfide	2.788	76	110819	4.373	ug/L	99
15) Methyl Acetate	2.959	43	13311	5.376	ug/L	99
16) Methylene chloride	3.042	84	36783	4.850	ug/L	88
17) Methyl tert-butyl Ether	3.357	73	77048	4.862	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34996	5.148	ug/L	99
19) 1,1-Dichloroethane	3.859	63	70583	5.124	ug/L	98
21) 2-Butanone	4.711	43	86696	52.355	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	38458	5.077	ug/L	94
23) Bromochloromethane	4.972	128	17386	5.050	ug/L	96
25) Chloroform	5.081	83	72907	5.001	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	46629	4.765	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	64722	4.688	ug/L	97
30) Cyclohexane	5.383	56	55212	4.831	ug/L	97
31) Carbon tetrachloride	5.518	117	60091	4.710	ug/L	97
33) Benzene	5.766	78	150960	4.722	ug/L	100
34) Trichloroethene	6.537	95	40690	4.696	ug/L	97
35) Methylcyclohexane	6.756	83	60251	5.068	ug/L	96
37) 1,2-Dichloropropane	6.785	63	40259	4.915	ug/L #	96
38) Bromodichloromethane	7.100	83	52854	4.911	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	55905	4.655	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	210629	49.374	ug/L	99
42) Toluene	7.965	91	166155	4.918	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	49696	5.040	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	29610	4.990	ug/L	94
47) Tetrachloroethene	8.547	164	33024	4.650	ug/L	100
48) 2-Hexanone	8.679	43	152531	47.776	ug/L	99
49) Dibromochloromethane	8.804	129	35040	5.101	ug/L	99
50) 1,2-Dibromoethane	8.920	107	33824	6.209	ug/L #	99
51) Chlorobenzene	9.441	112	106547	4.872	ug/L	99
52) Ethylbenzene	9.566	91	175038	4.889	ug/L	98
53) m,p-Xylene	9.688	106	68358	5.136	ug/L	97
54) o-Xylene	10.097	106	64997	4.770	ug/L	99
55) Styrene	10.110	104	112602	5.044	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	34497	4.553	ug/L	97
59) Bromoform	10.283	173	21077	4.973	ug/L	97
60) Isopropylbenzene	10.479	105	175702	5.100	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	24387	4.902	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	139416	5.429	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	137041	5.232	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	85680	5.082	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	84276	4.925	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	77394	4.892	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	4754	4.234	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	60918	4.685	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	59432	5.666	ug/L	97
71) Naphthalene	14.084	128	75683	5.647	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	47382	5.398	ug/L	99

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

