

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060885.D
 Acq On : 18 Sep 2024 21:13
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Sep 19 05:18:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	86179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49584	3.422	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.911	69	40921	3.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.560	65	18838	3.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.631	46	104054	44.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	5.055	84	98814	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	44659	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	193702	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	57935	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	185894	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	21573	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	93971	48.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50065	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	67249	4.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54635	4.493	ug/L	97
3) Chloromethane	1.518	50	53807	4.189	ug/L	98
5) Vinyl chloride	1.602	62	61655	4.435	ug/L	95
6) Bromomethane	1.856	94	34393	3.871	ug/L	100
8) Chloroethane	1.930	64	37841	4.455	ug/L	97
9) Trichlorofluoromethane	2.136	101	88224	4.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51286	4.622	ug/L	94
12) 1,1-Dichloroethene	2.576	96	47914	4.728	ug/L	78
13) Acetone	2.650	43	68081	43.870	ug/L	94
14) Carbon disulfide	2.788	76	123052	4.377	ug/L	97
15) Methyl Acetate	2.959	43	18310	4.839	ug/L	92
16) Methylene chloride	3.039	84	54856	4.674	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	107963	4.714	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	49335	4.698	ug/L	91
19) 1,1-Dichloroethane	3.859	63	96431	4.574	ug/L	97
21) 2-Butanone	4.711	43	111734	44.229	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	56337	4.848	ug/L	91
23) Bromochloromethane	4.968	128	28407	5.176	ug/L	88
25) Chloroform	5.078	83	103704	4.717	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59640	4.682	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	85134	4.782	ug/L	98
30) Cyclohexane	5.380	56	63505	4.340	ug/L	94
31) Carbon tetrachloride	5.515	117	75112	4.765	ug/L	98
33) Benzene	5.766	78	217798	4.803	ug/L	100
34) Trichloroethene	6.534	95	57717	4.855	ug/L	92
35) Methylcyclohexane	6.756	83	70065	4.296	ug/L	97
37) 1,2-Dichloropropane	6.782	63	59656	4.774	ug/L #	95
38) Bromodichloromethane	7.097	83	74110	4.835	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	78698	4.735	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	277333	47.530	ug/L	97
42) Toluene	7.962	91	244422	5.155	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	65452	4.789	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	44851	4.972	ug/L	99
47) Tetrachloroethene	8.547	164	47843	5.065	ug/L	95
48) 2-Hexanone	8.679	43	208563	49.038	ug/L	97
49) Dibromochloromethane	8.801	129	52821	5.144	ug/L	94
50) 1,2-Dibromoethane	8.917	107	41817	5.194	ug/L	98
51) Chlorobenzene	9.441	112	159607	5.013	ug/L	98
52) Ethylbenzene	9.563	91	243722	4.883	ug/L	99
53) m,p-Xylene	9.685	106	96442	5.096	ug/L	98
54) o-Xylene	10.094	106	92009	4.927	ug/L	95
55) Styrene	10.106	104	159873	5.079	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	53803	4.782	ug/L	90
59) Bromoform	10.283	173	30401	4.681	ug/L	96
60) Isopropylbenzene	10.476	105	239971	4.699	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37611	4.679	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	178612	4.500	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	183366	4.675	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	122809	4.782	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	124617	4.695	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	117588	4.843	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7153	4.557	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	87025	4.530	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	63701	4.708	ug/L	99
71) Naphthalene	14.081	128	81491	4.566	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56877	4.865	ug/L	97

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

