

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032524\
 Data File : VU058210.D
 Acq On : 25 Mar 2024 14:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005165

Quant Time: Mar 26 01:32:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73447	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26837	4.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.911	69	24439	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	11346	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.628	46	54995	49.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.740%
24) Chloroform-d	5.055	84	53922	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	25409	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	104399	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	32575	4.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	93732	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	10806	4.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	41743	47.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22015	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	29232	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	14906	4.927	ug/L	97
3) Chloromethane	1.515	50	18175	4.713	ug/L	98
5) Vinyl chloride	1.602	62	21202	5.035	ug/L	99
6) Bromomethane	1.856	94	12097	5.356	ug/L	99
8) Chloroethane	1.930	64	14897	5.365	ug/L	99
9) Trichlorofluoromethane	2.136	101	34864	5.095	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	22126	5.038	ug/L	99
12) 1,1-Dichloroethene	2.576	96	18477	5.018	ug/L	89
13) Acetone	2.650	43	34652	48.557	ug/L	98
14) Carbon disulfide	2.788	76	40219	4.889	ug/L	99
15) Methyl Acetate	2.956	43	7235	4.884	ug/L	99
16) Methylene chloride	3.039	84	23777	4.557	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	48363	4.894	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	19096	4.962	ug/L	99
19) 1,1-Dichloroethane	3.862	63	43791	5.065	ug/L	97
21) 2-Butanone	4.711	43	50216	46.316	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	24422	5.136	ug/L	93
23) Bromochloromethane	4.968	128	9592	5.406	ug/L	95
25) Chloroform	5.078	83	45448	5.012	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25397	4.934	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	36319	4.978	ug/L	99
30) Cyclohexane	5.383	56	29712	4.663	ug/L	99
31) Carbon tetrachloride	5.518	117	30387	4.893	ug/L	100
33) Benzene	5.769	78	93942	5.069	ug/L	100
34) Trichloroethene	6.534	95	23830	4.936	ug/L	97
35) Methylcyclohexane	6.756	83	32701	4.857	ug/L	99
37) 1,2-Dichloropropane	6.785	63	26124	5.046	ug/L	99
38) Bromodichloromethane	7.100	83	31041	5.231	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	33697	5.132	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	127066	48.541	ug/L	98
42) Toluene	7.962	91	98763	5.044	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	25785	4.991	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	16518	5.065	ug/L	95
47) Tetrachloroethene	8.547	164	17000	5.257	ug/L	97
48) 2-Hexanone	8.679	43	88205	46.269	ug/L	99
49) Dibromochloromethane	8.804	129	18547	5.198	ug/L	96
50) 1,2-Dibromoethane	8.917	107	14016	4.993	ug/L	96
51) Chlorobenzene	9.441	112	62610	4.963	ug/L	97
52) Ethylbenzene	9.563	91	108918	4.981	ug/L	100
53) m,p-Xylene	9.688	106	39388	5.056	ug/L	97
54) o-Xylene	10.094	106	39544	5.029	ug/L	99
55) Styrene	10.110	104	63269	5.095	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19251	5.009	ug/L	100
59) Bromoform	10.283	173	9272	5.418	ug/L	95
60) Isopropylbenzene	10.476	105	102226	5.222	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13839	5.072	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	84763	5.160	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	84931	5.205	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	46307	5.079	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	44016	4.995	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	43638	5.176	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.991	75	2369	5.757	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	34232	5.370	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	23747	4.994	ug/L	97
71) Naphthalene	14.084	128	29200	4.509	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19544	5.020	ug/L	98

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

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