

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060847.D
 Acq On : 17 Sep 2024 20:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Sep 18 01:22:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	154055	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58594	4.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.911	69	46262	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.563	65	22849	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.637	46	116653	52.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	5.055	84	103373	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.692	65	50676	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	205462	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	64108	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	198253	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.174	79	23693	4.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.627	63	100609	52.300	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53315	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	70282	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	54757	4.709	ug/L	96
3) Chloromethane	1.515	50	54450	4.433	ug/L	98
5) Vinyl chloride	1.602	62	60537	4.553	ug/L	99
6) Bromomethane	1.856	94	39334	4.629	ug/L	94
8) Chloroethane	1.933	64	37212	4.581	ug/L	98
9) Trichlorofluoromethane	2.136	101	89314	4.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50661	4.774	ug/L	97
12) 1,1-Dichloroethene	2.573	96	48515	5.006	ug/L	88
13) Acetone	2.660	43	69076	46.546	ug/L	99
14) Carbon disulfide	2.788	76	122407	4.553	ug/L	98
15) Methyl Acetate	2.962	43	17187	4.750	ug/L	97
16) Methylene chloride	3.039	84	53279	4.748	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	111397	5.086	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	47619	4.742	ug/L	95
19) 1,1-Dichloroethane	3.862	63	96420	4.783	ug/L	98
21) 2-Butanone	4.714	43	114148	47.251	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	54440	4.899	ug/L	94
23) Bromochloromethane	4.965	128	27714	5.280	ug/L	92
25) Chloroform	5.078	83	101121	4.810	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59631	4.895	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	84257	4.777	ug/L	99
30) Cyclohexane	5.380	56	63762	4.398	ug/L	95
31) Carbon tetrachloride	5.515	117	74323	4.760	ug/L	100
33) Benzene	5.766	78	215937	4.807	ug/L	100
34) Trichloroethene	6.534	95	55146	4.683	ug/L	96
35) Methylcyclohexane	6.756	83	71160	4.405	ug/L	99
37) 1,2-Dichloropropane	6.782	63	57988	4.685	ug/L #	95
38) Bromodichloromethane	7.097	83	70833	4.665	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	76049	4.619	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	294540	50.957	ug/L	99
42) Toluene	7.962	91	248256	5.286	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	64908	4.794	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	43988	4.922	ug/L	95
47) Tetrachloroethene	8.544	164	44348	4.739	ug/L	98
48) 2-Hexanone	8.679	43	217464	51.615	ug/L	99
49) Dibromochloromethane	8.801	129	50003	4.915	ug/L	94
50) 1,2-Dibromoethane	8.917	107	39828	4.994	ug/L	97
51) Chlorobenzene	9.438	112	153450	4.865	ug/L	98
52) Ethylbenzene	9.563	91	239855	4.851	ug/L	99
53) m,p-Xylene	9.685	106	94140	5.021	ug/L	95
54) o-Xylene	10.094	106	88814	4.800	ug/L	100
55) Styrene	10.106	104	158033	5.068	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	55035	4.938	ug/L	98
59) Bromoform	10.283	173	31336	4.963	ug/L	98
60) Isopropylbenzene	10.476	105	233282	4.699	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37149	4.754	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	174607	4.525	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	177776	4.663	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	120525	4.828	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	120301	4.662	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	113823	4.822	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6656	4.362	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	83183	4.454	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	60080	4.567	ug/L	99
71) Naphthalene	14.084	128	76552	4.412	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54386	4.786	ug/L	97

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

