

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062121.D
 Acq On : 06 Dec 2024 00:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: Dec 06 02:35:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102048	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	48096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18542	3.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.911	69	15992	3.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.560	65	8555	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.628	46	66684	42.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.840%
24) Chloroform-d	5.052	84	57760	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.692	65	29323	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.718	84	89249	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.679	67	30137	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.888	98	78432	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.171	79	12939	5.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.624	63	47225	44.608	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28365	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35056	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46797	5.241	ug/L	96
3) Chloromethane	1.515	50	37709	4.098	ug/L	97
5) Vinyl chloride	1.599	62	38378	4.059	ug/L	99
6) Bromomethane	1.853	94	27478	4.882	ug/L	99
8) Chloroethane	1.930	64	22737	3.730	ug/L	99
9) Trichlorofluoromethane	2.133	101	64053	5.356	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34319	4.663	ug/L	92
12) 1,1-Dichloroethene	2.573	96	32291	4.718	ug/L	91
13) Acetone	2.647	43	50698	46.714	ug/L	97
14) Carbon disulfide	2.785	76	91683	4.212	ug/L	99
15) Methyl Acetate	2.956	43	11596	4.161	ug/L #	87
16) Methylene chloride	3.036	84	37244	4.532	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	92930	5.298	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	33755	4.666	ug/L	93
19) 1,1-Dichloroethane	3.856	63	67479	4.788	ug/L	100
21) 2-Butanone	4.708	43	81373	46.392	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	40521	4.977	ug/L	95
23) Bromochloromethane	4.962	128	18854	5.327	ug/L #	78
25) Chloroform	5.078	83	75840	5.148	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47618	5.025	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	66311	6.079	ug/L	96
30) Cyclohexane	5.377	56	50879	4.459	ug/L	94
31) Carbon tetrachloride	5.515	117	59197	6.391	ug/L	100
33) Benzene	5.763	78	150390	5.262	ug/L	100
34) Trichloroethene	6.534	95	41744	5.473	ug/L	97
35) Methylcyclohexane	6.753	83	56506	4.843	ug/L	97
37) 1,2-Dichloropropane	6.779	63	38922	5.242	ug/L	99
38) Bromodichloromethane	7.097	83	53481	5.939	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	57472	5.520	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	196922	49.153	ug/L #	94
42) Toluene	7.959	91	163220	5.442	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	48451	5.860	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	29123	5.324	ug/L	98
47) Tetrachloroethene	8.544	164	30090	5.424	ug/L	96
48) 2-Hexanone	8.676	43	143491	47.825	ug/L #	94
49) Dibromochloromethane	8.798	129	34939	6.046	ug/L	93
50) 1,2-Dibromoethane	8.914	107	28842	5.312	ug/L #	95
51) Chlorobenzene	9.438	112	102554	4.993	ug/L	99
52) Ethylbenzene	9.560	91	175448	4.888	ug/L	99
53) m,p-Xylene	9.685	106	67750	5.349	ug/L	95
54) o-Xylene	10.090	106	66922	5.235	ug/L	99
55) Styrene	10.106	104	110764	5.259	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	35033	4.998	ug/L #	95
59) Bromoform	10.280	173	20355	5.693	ug/L	99
60) Isopropylbenzene	10.476	105	177893	4.744	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	25222	4.536	ug/L	94
62) 1,3,5-Trimethylbenzene	11.078	105	148425	4.961	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	147171	4.934	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	81926	4.921	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	81018	5.028	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	78438	5.417	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5744	6.053	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	59607	6.017	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	47524	6.260	ug/L	98
71) Naphthalene	14.081	128	73192	5.981	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	42802	6.546	ug/L	97

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

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