

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061537.D
 Acq On : 08 Nov 2024 09:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

Quant Time: Nov 09 00:14:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80135	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39340	3.417	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.907	69	44344	4.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	19756	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.624	46	119208	50.995	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.055	84	104816	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.692	65	51535	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.717	84	203093	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	63687	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.888	98	186531	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	23046	4.117	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.624	63	109480	47.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52402	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	62896	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	53099	4.699	ug/L	100
3) Chloromethane	1.515	50	48420	4.063	ug/L	99
5) Vinyl chloride	1.599	62	58240	4.445	ug/L	99
6) Bromomethane	1.853	94	28427	3.274	ug/L	95
8) Chloroethane	1.930	64	46161	4.786	ug/L	97
9) Trichlorofluoromethane	2.132	101	86325	4.851	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56025	5.302	ug/L	99
12) 1,1-Dichloroethene	2.573	96	49049	4.895	ug/L	94
13) Acetone	2.640	43	76490	51.662	ug/L	98
14) Carbon disulfide	2.788	76	133472	3.992	ug/L	100
15) Methyl Acetate	2.952	43	17825	4.862	ug/L	100
16) Methylene chloride	3.036	84	58797	4.979	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	131506	4.842	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	53685	4.845	ug/L	98
19) 1,1-Dichloroethane	3.859	63	106507	5.096	ug/L	98
21) 2-Butanone	4.705	43	124492	53.039	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	65236	5.154	ug/L	99
23) Bromochloromethane	4.965	128	28716	5.392	ug/L	97
25) Chloroform	5.078	83	113271	5.155	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70157	5.052	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	93935	4.739	ug/L	98
30) Cyclohexane	5.380	56	85532	4.302	ug/L	99
31) Carbon tetrachloride	5.515	117	79197	4.669	ug/L	99
33) Benzene	5.766	78	243413	4.862	ug/L	100
34) Trichloroethene	6.534	95	65202	4.788	ug/L	98
35) Methylcyclohexane	6.753	83	97173	4.483	ug/L	100
37) 1,2-Dichloropropane	6.782	63	65287	5.145	ug/L	100
38) Bromodichloromethane	7.097	83	78431	4.884	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	93191	4.755	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	316476	50.108	ug/L	99
42) Toluene	7.962	91	266959	4.910	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	72630	4.548	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	47094	5.157	ug/L	98
47) Tetrachloroethene	8.544	164	47601	5.004	ug/L	97
48) 2-Hexanone	8.676	43	222862	49.900	ug/L	99
49) Dibromochloromethane	8.801	129	49867	4.814	ug/L	96
50) 1,2-Dibromoethane	8.917	107	43902	4.948	ug/L	97
51) Chlorobenzene	9.438	112	171723	4.997	ug/L	97
52) Ethylbenzene	9.563	91	290825	4.863	ug/L	100
53) m,p-Xylene	9.685	106	110192	4.837	ug/L	97
54) o-Xylene	10.093	106	107671	4.789	ug/L	98
55) Styrene	10.106	104	175880	4.879	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	58090	5.279	ug/L	98
59) Bromoform	10.283	173	26596	4.484	ug/L	99
60) Isopropylbenzene	10.476	105	287164	4.691	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39221	4.913	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	226680	4.549	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	225001	4.567	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	127119	4.934	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	127012	4.836	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	117613	4.850	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7030	4.194	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	88200	4.994	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	70281	4.931	ug/L	99
71) Naphthalene	14.080	128	100123	4.452	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	58704	4.923	ug/L	99

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

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