

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062356.D
 Acq On : 16 Dec 2024 20:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

Quant Time: Dec 17 01:27:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 00:31:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49388	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34712	5.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.910	69	25943	5.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.560	65	16430	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.627	46	65592	50.771	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.540%
24) Chloroform-d	5.052	84	75117	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.692	65	39117	5.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.717	84	136157	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.682	67	38329	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	132195	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.174	79	17671	5.144	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.624	63	52455	50.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31018	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	47723	5.244	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	41368	4.419	ug/L	99
3) Chloromethane	1.515	50	32500	4.429	ug/L	100
5) Vinyl chloride	1.599	62	33571	4.394	ug/L #	48
6) Bromomethane	1.853	94	21599	4.241	ug/L	99
8) Chloroethane	1.930	64	20178	4.715	ug/L	94
9) Trichlorofluoromethane	2.132	101	62227	4.693	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31908	4.421	ug/L	90
12) 1,1-Dichloroethene	2.573	96	29521	4.375	ug/L #	85
13) Acetone	2.644	43	42867	48.733	ug/L	98
14) Carbon disulfide	2.785	76	88179	4.132	ug/L	99
15) Methyl Acetate	2.955	43	10722	4.864	ug/L	98
16) Methylene chloride	3.039	84	32862	4.639	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	80359	4.781	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	30739	4.434	ug/L	92
19) 1,1-Dichloroethane	3.859	63	56311	4.431	ug/L	97
21) 2-Butanone	4.708	43	64631	50.594	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	35644	4.587	ug/L	96
23) Bromochloromethane	4.968	128	16576	4.866	ug/L #	78
25) Chloroform	5.078	83	69142	4.830	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45133	4.962	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	65058	4.883	ug/L	94
30) Cyclohexane	5.377	56	44497	4.119	ug/L	91
31) Carbon tetrachloride	5.515	117	58121	4.758	ug/L	100
33) Benzene	5.766	78	130504	4.447	ug/L	100
34) Trichloroethene	6.534	95	37193	4.474	ug/L	92
35) Methylcyclohexane	6.753	83	51186	4.153	ug/L	93
37) 1,2-Dichloropropane	6.782	63	33589	4.700	ug/L	99
38) Bromodichloromethane	7.097	83	49374	4.896	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	51736	4.516	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	161846	48.317	ug/L #	93
42) Toluene	7.962	91	145776	4.606	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	44011	4.705	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	26427	4.898	ug/L	94
47) Tetrachloroethene	8.544	164	28748	4.479	ug/L	98
48) 2-Hexanone	8.675	43	117770	47.574	ug/L #	92
49) Dibromochloromethane	8.801	129	33065	5.072	ug/L	95
50) 1,2-Dibromoethane	8.917	107	25309	4.882	ug/L	99
51) Chlorobenzene	9.438	112	93025	4.587	ug/L	97
52) Ethylbenzene	9.563	91	161405	4.549	ug/L	98
53) m,p-Xylene	9.685	106	59410	4.535	ug/L	93
54) o-Xylene	10.090	106	60172	4.723	ug/L	96
55) Styrene	10.106	104	97960	4.664	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	30204	4.810	ug/L #	96
59) Bromoform	10.283	173	20258	5.219	ug/L #	98
60) Isopropylbenzene	10.476	105	162028	4.541	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	22070	4.833	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	136581	4.524	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	132328	4.473	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	75414	4.602	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	74098	4.490	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	71514	4.722	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5520	5.541	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	57526	4.722	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	45253	4.705	ug/L	99
71) Naphthalene	14.080	128	66140	4.579	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	39875	4.701	ug/L	99

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

