

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062512.D
 Acq On : 20 Dec 2024 09:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Dec 20 22:28:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 01:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102064	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49404	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25451	3.697	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.911	69	20148	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	13691	4.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.628	46	52312	39.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.300%
24) Chloroform-d	5.052	84	65707	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	34396	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.718	84	113350	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.679	67	29928	3.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.888	98	113260	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	14776	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.624	63	40310	38.495	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25862	4.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	40893	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	43076	4.506	ug/L	99
3) Chloromethane	1.518	50	27337	3.648	ug/L	99
5) Vinyl chloride	1.602	62	31525	4.040	ug/L	98
6) Bromomethane	1.856	94	23408	4.501	ug/L	96
8) Chloroethane	1.930	64	18249	4.176	ug/L	99
9) Trichlorofluoromethane	2.132	101	69099	5.102	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	34302	4.653	ug/L	90
12) 1,1-Dichloroethene	2.573	96	29198	4.237	ug/L #	89
13) Acetone	2.644	43	40314	44.877	ug/L	98
14) Carbon disulfide	2.785	76	82788	3.799	ug/L	100
15) Methyl Acetate	2.952	43	8172	3.630	ug/L #	77
16) Methylene chloride	3.036	84	32590	4.505	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	77970	4.542	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	30554	4.315	ug/L	89
19) 1,1-Dichloroethane	3.859	63	55816	4.301	ug/L	96
21) 2-Butanone	4.708	43	54685	41.917	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	35068	4.419	ug/L	90
23) Bromochloromethane	4.965	128	16577	4.765	ug/L #	76
25) Chloroform	5.078	83	71476	4.889	ug/L	99

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

27) 1,2-Dichloroethane	5.785	62	44563	4.797	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	68913	5.119	ug/L	94
30) Cyclohexane	5.380	56	43207	3.958	ug/L	89
31) Carbon tetrachloride	5.515	117	62499	5.063	ug/L	100
33) Benzene	5.766	78	127683	4.306	ug/L	100
34) Trichloroethene	6.531	95	39358	4.686	ug/L	98
35) Methylcyclohexane	6.753	83	53232	4.274	ug/L	92
37) 1,2-Dichloropropane	6.782	63	30354	4.203	ug/L #	95
38) Bromodichloromethane	7.097	83	48760	4.786	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	52010	4.493	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	146052	43.154	ug/L #	92
42) Toluene	7.962	91	147314	4.607	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	44667	4.726	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	25641	4.703	ug/L	94
47) Tetrachloroethene	8.544	164	31368	4.837	ug/L	96
48) 2-Hexanone	8.676	43	105393	42.137	ug/L #	95
49) Dibromochloromethane	8.798	129	33228	5.045	ug/L	91
50) 1,2-Dibromoethane	8.914	107	24572	4.691	ug/L #	99
51) Chlorobenzene	9.438	112	94256	4.600	ug/L	96
52) Ethylbenzene	9.563	91	165798	4.625	ug/L	97
53) m,p-Xylene	9.685	106	63097	4.767	ug/L	95
54) o-Xylene	10.090	106	59916	4.654	ug/L	97
55) Styrene	10.106	104	99737	4.700	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	27864	4.392	ug/L #	98
59) Bromoform	10.283	173	19504	5.024	ug/L #	96
60) Isopropylbenzene	10.476	105	169303	4.744	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21454	4.696	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	143275	4.744	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	139784	4.724	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	76680	4.677	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	76325	4.623	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	72489	4.785	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4929	4.946	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.209	180	58577	4.807	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	42895	4.458	ug/L	97
71) Naphthalene	14.081	128	58651	4.060	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37055	4.367	ug/L	99

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

