

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112624\
 Data File : VU062046.D
 Acq On : 26 Nov 2024 15:48
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005166

Quant Time: Nov 27 04:20:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	123382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	115207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57679	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27934	4.616	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.908	69	20312	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	13392	5.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.800%
20) 2-Butanone-d5	4.624	46	65012	34.208	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.420%
24) Chloroform-d	5.052	84	65474	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.695	65	32505	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.718	84	118057	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.682	67	36483	4.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.891	98	111776	5.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
43) trans-1,3-Dichloroprop...	8.174	79	14755	5.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.627	63	45412	35.236	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28608	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	39652	4.649	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	50291	4.659	ug/L	98
3) Chloromethane	1.515	50	44375	3.988	ug/L	99
5) Vinyl chloride	1.599	62	45008	3.937	ug/L	100
6) Bromomethane	1.853	94	27445	4.033	ug/L	100
8) Chloroethane	1.927	64	24076	3.266	ug/L	98
9) Trichlorofluoromethane	2.133	101	68955	4.769	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39621	4.453	ug/L	94
12) 1,1-Dichloroethene	2.573	96	35949	4.345	ug/L	92
13) Acetone	2.634	43	55887	42.591	ug/L	94
14) Carbon disulfide	2.785	76	106960	4.064	ug/L	100
15) Methyl Acetate	2.952	43	13764	4.085	ug/L	92
16) Methylene chloride	3.036	84	42441	4.272	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	97316	4.589	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	38651	4.419	ug/L	93
19) 1,1-Dichloroethane	3.859	63	75687	4.442	ug/L	99
21) 2-Butanone	4.702	43	85511	40.322	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	44827	4.554	ug/L	94
23) Bromochloromethane	4.965	128	19156	4.477	ug/L	92
25) Chloroform	5.078	83	81639	4.584	ug/L	98

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27) 1,2-Dichloroethane	5.785	62	50634	4.419	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	71102	5.354	ug/L	97
30) Cyclohexane	5.380	56	61136	4.402	ug/L	98
31) Carbon tetrachloride	5.515	117	63169	5.602	ug/L	98
33) Benzene	5.766	78	169111	4.861	ug/L	100
34) Trichloroethene	6.534	95	45888	4.942	ug/L	98
35) Methylcyclohexane	6.756	83	65745	4.628	ug/L	99
37) 1,2-Dichloropropane	6.782	63	44178	4.888	ug/L	98
38) Bromodichloromethane	7.097	83	57615	5.256	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	64805	5.113	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	217536	44.603	ug/L	94
42) Toluene	7.962	91	178813	4.897	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	54250	5.390	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	33166	4.981	ug/L	98
47) Tetrachloroethene	8.547	164	34552	5.116	ug/L	95
48) 2-Hexanone	8.676	43	155825	42.662	ug/L #	96
49) Dibromochloromethane	8.801	129	36431	5.179	ug/L	95
50) 1,2-Dibromoethane	8.917	107	30275	4.581	ug/L #	94
51) Chlorobenzene	9.441	112	113051	4.521	ug/L	99
52) Ethylbenzene	9.563	91	195124	4.466	ug/L	99
53) m,p-Xylene	9.685	106	73486	4.766	ug/L	98
54) o-Xylene	10.094	106	71478	4.593	ug/L	99
55) Styrene	10.107	104	119725	4.670	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	38887	4.557	ug/L	99
59) Bromoform	10.283	173	21028	4.904	ug/L	99
60) Isopropylbenzene	10.476	105	190636	4.239	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	27142	4.070	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	157786	4.398	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	157541	4.404	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	86647	4.340	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	84451	4.370	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	80746	4.650	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5461	4.799	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	60769	5.115	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	47618	5.230	ug/L	98
71) Naphthalene	14.084	128	65874	4.489	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	40540	5.170	ug/L	100

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

