

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062032.D
 Acq On : 25 Nov 2024 19:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Nov 26 03:49:38 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	125933	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	118401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30123	4.876	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.907	69	22949	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	13909	5.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.800%
20) 2-Butanone-d5	4.618	46	67104	34.593	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.180%
24) Chloroform-d	5.052	84	67712	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.692	65	34187	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.717	84	125400	5.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.682	67	37299	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.888	98	117152	6.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.800%
43) trans-1,3-Dichloroprop...	8.174	79	14963	5.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.624	63	47300	35.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30519	3.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	42402	4.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	60905	5.528	ug/L	99
3) Chloromethane	1.518	50	51716	4.554	ug/L	99
5) Vinyl chloride	1.599	62	53084	4.550	ug/L	99
6) Bromomethane	1.853	94	31189	4.491	ug/L	99
8) Chloroethane	1.927	64	30538	4.059	ug/L	98
9) Trichlorofluoromethane	2.132	101	83244	5.640	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45393	4.998	ug/L	91
12) 1,1-Dichloroethene	2.573	96	43434	5.143	ug/L	92
13) Acetone	2.628	43	58415	43.616	ug/L	94
14) Carbon disulfide	2.785	76	128475	4.782	ug/L	99
15) Methyl Acetate	2.949	43	15590	4.533	ug/L	91
16) Methylene chloride	3.036	84	46979	4.633	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	113794	5.257	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	45498	5.096	ug/L	93
19) 1,1-Dichloroethane	3.859	63	87065	5.006	ug/L	99
21) 2-Butanone	4.695	43	97551	45.067	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	51370	5.113	ug/L	96
23) Bromochloromethane	4.965	128	22696	5.196	ug/L	89
25) Chloroform	5.078	83	95440	5.250	ug/L	98

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27) 1,2-Dichloroethane	5.782	62	57804	4.943	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	85629	6.274	ug/L	95
30) Cyclohexane	5.377	56	74079	5.190	ug/L	97
31) Carbon tetrachloride	5.515	117	75444	6.510	ug/L	99
33) Benzene	5.762	78	197530	5.524	ug/L	100
34) Trichloroethene	6.534	95	53421	5.598	ug/L	96
35) Methylcyclohexane	6.753	83	77925	5.338	ug/L	97
37) 1,2-Dichloropropane	6.782	63	50582	5.445	ug/L	100
38) Bromodichloromethane	7.097	83	65590	5.822	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	76017	5.836	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	250559	49.988	ug/L	94
42) Toluene	7.962	91	212841	5.672	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	61572	5.952	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	37133	5.426	ug/L	98
47) Tetrachloroethene	8.544	164	42093	6.065	ug/L	96
48) 2-Hexanone	8.676	43	180825	48.171	ug/L #	94
49) Dibromochloromethane	8.801	129	43755	6.052	ug/L	97
50) 1,2-Dibromoethane	8.913	107	36100	5.315	ug/L	100
51) Chlorobenzene	9.438	112	136556	5.314	ug/L	98
52) Ethylbenzene	9.563	91	234659	5.226	ug/L	98
53) m,p-Xylene	9.685	106	89476	5.647	ug/L	99
54) o-Xylene	10.090	106	86269	5.394	ug/L	99
55) Styrene	10.106	104	142845	5.421	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	44038	5.021	ug/L	97
59) Bromoform	10.283	173	26056	5.843	ug/L	98
60) Isopropylbenzene	10.476	105	233464	4.991	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	31024	4.473	ug/L	97
62) 1,3,5-Trimethylbenzene	11.077	105	196490	5.266	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	194110	5.218	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	107235	5.164	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	104832	5.216	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	97663	5.408	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6969	5.888	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	78827	6.380	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	64433	6.804	ug/L	98
71) Naphthalene	14.080	128	96625	6.331	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54974	6.741	ug/L	97

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

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