

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061237.D
 Acq On : 25 Oct 2024 19:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005109

Quant Time: Oct 26 00:36:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	184482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	165490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49646	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.911	69	43909	3.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.560	65	22083	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.628	46	131919	51.848	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.055	84	112631	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.692	65	56709	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.717	84	217468	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	66465	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	197206	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	26549	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.624	63	118992	50.768	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54635	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	66391	4.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59522	4.840	ug/L	99
3) Chloromethane	1.515	50	59900	4.618	ug/L	100
5) Vinyl chloride	1.599	62	68219	4.784	ug/L	100
6) Bromomethane	1.853	94	45768	4.844	ug/L	99
8) Chloroethane	1.930	64	46270	4.407	ug/L	99
9) Trichlorofluoromethane	2.132	101	96244	4.969	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54676	4.754	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52567	4.820	ug/L	95
13) Acetone	2.650	43	80125	49.720	ug/L	97
14) Carbon disulfide	2.788	76	167878	4.613	ug/L	99
15) Methyl Acetate	2.956	43	21424	5.369	ug/L	99
16) Methylene chloride	3.039	84	65325	5.083	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	156504	5.294	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	60232	4.994	ug/L	94
19) 1,1-Dichloroethane	3.859	63	113201	4.977	ug/L	99
21) 2-Butanone	4.708	43	136980	53.617	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	70875	5.145	ug/L	99
23) Bromochloromethane	4.968	128	31590	5.450	ug/L	95
25) Chloroform	5.078	83	119246	4.986	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75895	5.021	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	102394	5.053	ug/L	99
30) Cyclohexane	5.380	56	97885	4.816	ug/L	99
31) Carbon tetrachloride	5.515	117	87566	5.050	ug/L	100
33) Benzene	5.766	78	262296	5.125	ug/L	100
34) Trichloroethene	6.534	95	69855	5.017	ug/L	98
35) Methylcyclohexane	6.753	83	105167	4.746	ug/L	98
37) 1,2-Dichloropropane	6.782	63	68173	5.255	ug/L	100
38) Bromodichloromethane	7.097	83	84060	5.120	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	102543	5.118	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	346772	53.708	ug/L	99
42) Toluene	7.962	91	279965	5.037	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	84404	5.170	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	49676	5.321	ug/L	99
47) Tetrachloroethene	8.547	164	48976	5.037	ug/L	98
48) 2-Hexanone	8.676	43	246312	53.948	ug/L	98
49) Dibromochloromethane	8.801	129	54408	5.138	ug/L	95
50) 1,2-Dibromoethane	8.914	107	47499	5.237	ug/L #	95
51) Chlorobenzene	9.438	112	175544	4.997	ug/L	99
52) Ethylbenzene	9.563	91	304392	4.979	ug/L	99
53) m,p-Xylene	9.685	106	115812	4.972	ug/L	97
54) o-Xylene	10.094	106	114327	4.974	ug/L	98
55) Styrene	10.106	104	186234	5.054	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	59816	5.317	ug/L	99
59) Bromoform	10.283	173	29663	4.974	ug/L	100
60) Isopropylbenzene	10.476	105	294567	4.786	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41759	5.203	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	243132	4.853	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	240648	4.859	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	130022	5.020	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	127676	4.835	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	120320	4.935	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8297	4.924	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	89632	5.048	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	75383	5.261	ug/L	97
71) Naphthalene	14.081	128	123285	5.453	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	64726	5.399	ug/L	98

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

