

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061535.D
 Acq On : 07 Nov 2024 21:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

Quant Time: Nov 08 02:18:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172274	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37988	3.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.907	69	44040	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	18788	3.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.624	46	122845	51.703	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	5.052	84	101973	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	50693	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.718	84	196119	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	60864	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	180104	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	21797	3.902	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.624	63	114068	49.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52252	5.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	63483	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	50452	4.393	ug/L	98
3) Chloromethane	1.515	50	46735	3.859	ug/L	98
5) Vinyl chloride	1.599	62	55842	4.194	ug/L	100
6) Bromomethane	1.853	94	30863	3.498	ug/L	98
8) Chloroethane	1.930	64	46995	4.793	ug/L	95
9) Trichlorofluoromethane	2.133	101	83465	4.615	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51207	4.768	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46188	4.535	ug/L	95
13) Acetone	2.641	43	75030	49.858	ug/L	99
14) Carbon disulfide	2.785	76	128031	3.768	ug/L	100
15) Methyl Acetate	2.952	43	19664	5.277	ug/L	97
16) Methylene chloride	3.036	84	65316	5.442	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	135358	4.903	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	52939	4.700	ug/L	94
19) 1,1-Dichloroethane	3.859	63	102272	4.815	ug/L	100
21) 2-Butanone	4.705	43	125838	52.747	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	69285	5.386	ug/L	96
23) Bromochloromethane	4.965	128	28266	5.222	ug/L	99
25) Chloroform	5.078	83	112520	5.038	ug/L	100

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27) 1,2-Dichloroethane	5.785	62	69854	4.949	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	90883	4.594	ug/L	99
30) Cyclohexane	5.380	56	79797	4.022	ug/L	99
31) Carbon tetrachloride	5.515	117	74901	4.425	ug/L	99
33) Benzene	5.766	78	240244	4.809	ug/L	100
34) Trichloroethene	6.534	95	64601	4.754	ug/L	97
35) Methylcyclohexane	6.753	83	88811	4.106	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63700	5.030	ug/L	99
38) Bromodichloromethane	7.097	83	76868	4.796	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	88935	4.547	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	327631	51.984	ug/L	99
42) Toluene	7.962	91	259047	4.775	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70431	4.420	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	48239	5.293	ug/L	98
47) Tetrachloroethene	8.544	164	43816	4.616	ug/L	98
48) 2-Hexanone	8.676	43	237490	53.287	ug/L	99
49) Dibromochloromethane	8.801	129	47962	4.640	ug/L	94
50) 1,2-Dibromoethane	8.917	107	44069	4.978	ug/L	100
51) Chlorobenzene	9.438	112	165546	4.828	ug/L	99
52) Ethylbenzene	9.563	91	280685	4.703	ug/L	99
53) m,p-Xylene	9.685	106	105249	4.629	ug/L	98
54) o-Xylene	10.090	106	105181	4.688	ug/L	99
55) Styrene	10.107	104	172094	4.784	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	59242	5.395	ug/L	97
59) Bromoform	10.283	173	25504	4.268	ug/L	99
60) Isopropylbenzene	10.476	105	274579	4.452	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40108	4.987	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	217186	4.326	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	215934	4.351	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	125039	4.818	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	125543	4.745	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	117722	4.819	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7999	4.737	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	87455	4.915	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	73526	5.121	ug/L	97
71) Naphthalene	14.081	128	121995	5.385	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64299	5.353	ug/L	99

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

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