

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058208.D
 Acq On : 22 Mar 2024 21:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Mar 22 23:49:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85374	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	82365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31835	4.413	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.911	69	28124	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.563	65	13385	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.628	46	68554	53.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	5.055	84	63080	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	29214	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.718	84	124830	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	38251	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	111423	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	12391	4.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.628	63	52275	51.095	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	26130	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	36634	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	16242	4.619	ug/L	100
3) Chloromethane	1.518	50	20576	4.591	ug/L	98
5) Vinyl chloride	1.602	62	23330	4.767	ug/L	98
6) Bromomethane	1.856	94	12646	4.817	ug/L	97
8) Chloroethane	1.930	64	16173	5.011	ug/L	97
9) Trichlorofluoromethane	2.136	101	38794	4.877	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	24454	4.790	ug/L	99
12) 1,1-Dichloroethene	2.576	96	20579	4.808	ug/L	91
13) Acetone	2.647	43	37086	44.708	ug/L	98
14) Carbon disulfide	2.789	76	45628	4.771	ug/L	98
15) Methyl Acetate	2.953	43	8582	4.984	ug/L	99
16) Methylene chloride	3.039	84	26605	4.387	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	55232	4.808	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	21854	4.886	ug/L	95
19) 1,1-Dichloroethane	3.862	63	50795	5.054	ug/L	98
21) 2-Butanone	4.708	43	57393	45.541	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	27255	4.931	ug/L	100
23) Bromochloromethane	4.965	128	11053	5.359	ug/L	99
25) Chloroform	5.078	83	52060	4.940	ug/L	95

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27) 1,2-Dichloroethane	5.785	62	29438	4.920	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	41371	4.858	ug/L	99
30) Cyclohexane	5.380	56	34866	4.687	ug/L	98
31) Carbon tetrachloride	5.518	117	34125	4.707	ug/L	99
33) Benzene	5.766	78	106952	4.944	ug/L	100
34) Trichloroethene	6.534	95	28569	5.069	ug/L	97
35) Methylcyclohexane	6.756	83	36126	4.596	ug/L	99
37) 1,2-Dichloropropane	6.782	63	29356	4.858	ug/L	99
38) Bromodichloromethane	7.100	83	34120	4.926	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	37567	4.902	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	148175	48.492	ug/L	99
42) Toluene	7.962	91	113978	4.987	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	30546	5.065	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	18791	4.937	ug/L	97
47) Tetrachloroethene	8.547	164	18936	5.016	ug/L	96
48) 2-Hexanone	8.679	43	106295	47.767	ug/L	96
49) Dibromochloromethane	8.801	129	21569	5.179	ug/L	100
50) 1,2-Dibromoethane	8.917	107	16604	5.067	ug/L	96
51) Chlorobenzene	9.441	112	72446	4.919	ug/L	99
52) Ethylbenzene	9.563	91	125182	4.905	ug/L	99
53) m,p-Xylene	9.685	106	45447	4.998	ug/L	97
54) o-Xylene	10.094	106	44916	4.893	ug/L	97
55) Styrene	10.107	104	74490	5.139	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	21974	4.898	ug/L	99
59) Bromoform	10.283	173	10692	4.989	ug/L #	97
60) Isopropylbenzene	10.476	105	117308	4.785	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	15776	4.617	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	97389	4.734	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	97141	4.754	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	55131	4.829	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	53784	4.874	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	49608	4.699	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	3102	6.020	ug/L	89
69) 1,3,5-Trichlorobenzene	13.213	180	38299	4.798	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	27915	4.688	ug/L	97
71) Naphthalene	14.084	128	35492	4.377	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	22842	4.685	ug/L	97

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

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