

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058181.D
 Acq On : 21 Mar 2024 12:59
 Operator : MD/SY
 Sample : VSTD00543
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005043

Quant Time: Mar 22 04:40:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:38:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	93508	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38089	5.546	ug/L	0.00
7) Chloroethane-d5	1.911	69	31737	5.597	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	16139	5.486	ug/L	0.00
20) 2-Butanone-d5	4.624	46	70123	61.075	ug/L	0.00
24) Chloroform-d	5.055	84	69533	5.415	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	33096	5.640	ug/L	0.00
32) Benzene-d6	5.718	84	141736	5.318	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	42391	5.258	ug/L	0.00
41) Toluene-d8	7.891	98	127484	5.302	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	13379	4.940	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	52749	56.176	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26553	5.386	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	37780	5.214	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	19201	3.660	ug/L	100
3) Chloromethane	1.518	50	23986	3.858	ug/L	100
5) Vinyl chloride	1.602	62	25721	3.871	ug/L	100
6) Bromomethane	1.856	94	14215	4.016	ug/L	100
8) Chloroethane	1.930	64	17928	4.221	ug/L	100
9) Trichlorofluoromethane	2.136	101	42090	4.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	27178	4.435	ug/L	100
12) 1,1-Dichloroethene	2.576	96	22208	4.155	ug/L	100
13) Acetone	2.641	43	41958	51.448	ug/L	100
14) Carbon disulfide	2.792	76	51681	3.239	ug/L	100
15) Methyl Acetate	2.952	43	9445	5.215	ug/L	100
16) Methylene chloride	3.039	84	27547	4.153	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	60404	4.648	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	23492	4.021	ug/L	100
19) 1,1-Dichloroethane	3.862	63	54704	4.599	ug/L	100
21) 2-Butanone	4.705	43	64343	50.033	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	29734	4.544	ug/L	100
23) Bromochloromethane	4.968	128	11814	4.841	ug/L	100
25) Chloroform	5.078	83	56373	4.614	ug/L	100
27) 1,2-Dichloroethane	5.785	62	32106	4.752	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	46444	4.455	ug/L	100
30) Cyclohexane	5.380	56	39047	3.832	ug/L	100
31) Carbon tetrachloride	5.518	117	38274	4.269	ug/L	100
33) Benzene	5.766	78	118319	4.416	ug/L	100
34) Trichloroethene	6.534	95	30039	4.260	ug/L	100
35) Methylcyclohexane	6.756	83	41482	3.939	ug/L	100
37) 1,2-Dichloropropane	6.782	63	32282	4.633	ug/L	100
38) Bromodichloromethane	7.097	83	37556	4.473	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	42243	4.452	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	160801	49.821	ug/L	100
42) Toluene	7.962	91	123419	4.438	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	33555	4.433	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	20193	4.840	ug/L	100
47) Tetrachloroethene	8.547	164	20747	4.257	ug/L	100
48) 2-Hexanone	8.679	43	113117	47.921	ug/L	100
49) Dibromochloromethane	8.801	129	22648	4.646	ug/L	100
50) 1,2-Dibromoethane	8.917	107	17882	4.858	ug/L	100
51) Chlorobenzene	9.441	112	79261	4.497	ug/L	100
52) Ethylbenzene	9.563	91	136516	4.377	ug/L	100
53) m,p-Xylene	9.685	106	49566	4.461	ug/L	100
54) o-Xylene	10.094	106	50439	4.510	ug/L	100
55) Styrene	10.107	104	79537	4.564	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	24278	4.934	ug/L	100
59) Bromoform	10.283	173	11214	4.707	ug/L	100
60) Isopropylbenzene	10.476	105	127902	4.531	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	17396	4.939	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	106846	4.489	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	105951	4.524	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	58516	4.529	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	56109	4.449	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	53782	4.744	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	3150	4.545	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	40983	4.424	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	30487	4.403	ug/L	100
71) Naphthalene	14.081	128	38988	4.123	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	24827	4.489	ug/L	100

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

