

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060503.D
 Acq On : 22 Aug 2024 14:56
 Operator : MD/SY
 Sample : VSTD00508
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005008

Quant Time: Aug 23 06:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81884	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18094	3.115	ug/L	0.00
7) Chloroethane-d5	1.911	69	25371	4.539	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	9901	3.864	ug/L	0.00
20) 2-Butanone-d5	4.631	46	67748	50.015	ug/L	0.00
24) Chloroform-d	5.055	84	54994	4.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	29252	4.998	ug/L	0.00
32) Benzene-d6	5.721	84	97131	4.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	31773	4.276	ug/L	0.00
41) Toluene-d8	7.891	98	90985	4.324	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	11463	4.751	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	49065	46.089	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	25634	4.227	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	33399	3.302	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	49607	9.053	ug/L	100
3) Chloromethane	1.518	50	40103	6.698	ug/L	100
5) Vinyl chloride	1.602	62	38566	5.785	ug/L	100
6) Bromomethane	1.856	94	35529	7.049	ug/L	100
8) Chloroethane	1.930	64	33736	6.961	ug/L	100
9) Trichlorofluoromethane	2.133	101	75305	7.406	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	33314	5.514	ug/L	100
12) 1,1-Dichloroethene	2.573	96	28659	5.267	ug/L	100
13) Acetone	2.644	43	51148	54.867	ug/L	100
14) Carbon disulfide	2.789	76	101304	6.788	ug/L	100
15) Methyl Acetate	2.956	43	12432	6.110	ug/L	100
16) Methylene chloride	3.039	84	33759	4.366	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	70105	5.427	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	29609	5.520	ug/L	100
19) 1,1-Dichloroethane	3.862	63	64315	5.709	ug/L	100
21) 2-Butanone	4.708	43	80653	56.780	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	33336	5.198	ug/L	100
23) Bromochloromethane	4.968	128	15560	5.292	ug/L	100
25) Chloroform	5.081	83	65337	5.417	ug/L	100
27) 1,2-Dichloroethane	5.788	62	43792	6.486	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	59375	6.210	ug/L	100
30) Cyclohexane	5.380	56	51251	6.480	ug/L	100
31) Carbon tetrachloride	5.518	117	52977	6.281	ug/L	100
33) Benzene	5.766	78	135305	5.574	ug/L	100
34) Trichloroethene	6.538	95	36214	5.650	ug/L	100
35) Methylcyclohexane	6.759	83	50993	5.971	ug/L	100
37) 1,2-Dichloropropane	6.782	63	37770	5.687	ug/L	100
38) Bromodichloromethane	7.100	83	46623	5.674	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	50568	5.596	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	197292	62.435	ug/L	100
42) Toluene	7.962	91	148978	5.795	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	44056	5.862	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	25306	5.094	ug/L	100
47) Tetrachloroethene	8.547	164	29810	5.889	ug/L	100
48) 2-Hexanone	8.679	43	147464	62.208	ug/L	100
49) Dibromochloromethane	8.804	129	29144	5.486	ug/L	100
50) 1,2-Dibromoethane	8.917	107	23416	5.288	ug/L	100
51) Chlorobenzene	9.441	112	92590	5.370	ug/L	100
52) Ethylbenzene	9.563	91	155129	5.692	ug/L	100
53) m,p-Xylene	9.689	106	59378	5.760	ug/L	100
54) o-Xylene	10.094	106	56695	5.767	ug/L	100
55) Styrene	10.110	104	97966	5.777	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	30481	4.974	ug/L	100
59) Bromoform	10.287	173	18644	4.260	ug/L	100
60) Isopropylbenzene	10.480	105	152051	4.354	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	21605	3.912	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	117911	4.379	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	150877	5.423	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	101839	5.423	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	99338	5.280	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	67662	4.070	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	4832	4.628	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	54295	4.060	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	40545	3.880	ug/L	100
71) Naphthalene	14.084	128	52070	3.559	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	35554	3.817	ug/L	100

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

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