

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061190.D
 Acq On : 23 Oct 2024 10:23
 Operator : MD/SY
 Sample : VSTD00532
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005032

Quant Time: Oct 24 01:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	192389	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65220	4.990	ug/L	0.00
7) Chloroethane-d5	1.908	69	59039	4.928	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	28270	5.056	ug/L	0.00
20) 2-Butanone-d5	4.624	46	133807	51.039	ug/L	0.00
24) Chloroform-d	5.052	84	125619	5.064	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	62258	5.035	ug/L	0.00
32) Benzene-d6	5.718	84	254032	5.062	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	76550	5.074	ug/L	0.00
41) Toluene-d8	7.891	98	235935	5.028	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	31030	5.038	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	126656	50.212	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56994	4.995	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	75430	5.077	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	64728	5.047	ug/L	100
3) Chloromethane	1.515	50	67720	5.007	ug/L	100
5) Vinyl chloride	1.599	62	74914	5.038	ug/L	100
6) Bromomethane	1.853	94	49850	5.059	ug/L	100
8) Chloroethane	1.930	64	54028	4.935	ug/L	100
9) Trichlorofluoromethane	2.133	101	102115	5.056	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60082	5.010	ug/L	100
12) 1,1-Dichloroethene	2.573	96	57886	5.089	ug/L	100
13) Acetone	2.637	43	80851	48.109	ug/L	100
14) Carbon disulfide	2.785	76	190889	5.030	ug/L	100
15) Methyl Acetate	2.953	43	20417	4.905	ug/L	100
16) Methylene chloride	3.036	84	66666	4.974	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	154532	5.013	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	62639	4.980	ug/L	100
19) 1,1-Dichloroethane	3.859	63	119132	5.022	ug/L	100
21) 2-Butanone	4.702	43	137512	52.726	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	72154	5.022	ug/L	100
23) Bromochloromethane	4.965	128	30913	5.114	ug/L	100
25) Chloroform	5.078	83	125209	5.020	ug/L	100
27) 1,2-Dichloroethane	5.785	62	80057	5.079	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	108788	4.988	ug/L	100
30) Cyclohexane	5.380	56	108066	4.940	ug/L	100
31) Carbon tetrachloride	5.515	117	93833	5.028	ug/L	100
33) Benzene	5.766	78	277100	5.031	ug/L	100
34) Trichloroethene	6.534	95	73169	4.883	ug/L	100
35) Methylcyclohexane	6.753	83	116853	4.900	ug/L	100
37) 1,2-Dichloropropane	6.782	63	69771	4.997	ug/L	100
38) Bromodichloromethane	7.097	83	88435	5.005	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	109342	5.071	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	353820	50.920	ug/L	100
42) Toluene	7.962	91	299134	5.001	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	88422	5.033	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	50927	5.069	ug/L	100
47) Tetrachloroethene	8.544	164	52726	5.038	ug/L	100
48) 2-Hexanone	8.676	43	250044	50.888	ug/L	100
49) Dibromochloromethane	8.801	129	56822	4.986	ug/L	100
50) 1,2-Dibromoethane	8.917	107	49626	5.084	ug/L	100
51) Chlorobenzene	9.438	112	189354	5.008	ug/L	100
52) Ethylbenzene	9.563	91	328417	4.992	ug/L	100
53) m,p-Xylene	9.685	106	126857	5.061	ug/L	100
54) o-Xylene	10.090	106	124377	5.028	ug/L	100
55) Styrene	10.107	104	198645	5.009	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	59510	4.915	ug/L	100
59) Bromoform	10.283	173	31707	5.106	ug/L	100
60) Isopropylbenzene	10.476	105	322359	5.030	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41808	5.003	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	264056	5.061	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	262089	5.082	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	135375	5.019	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	135000	4.909	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	126900	4.999	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	8513	4.851	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	93374	5.050	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	74206	4.973	ug/L	100
71) Naphthalene	14.081	128	117713	5.064	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	64153	5.139	ug/L	100

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

