

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062153.D
 Acq On : 09 Dec 2024 12:08
 Operator : MD/SY
 Sample : VSTD00558
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005058

Quant Time: Dec 09 12:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 12:03:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	113621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	40211	6.759	ug/L	0.00
7) Chloroethane-d5	1.904	69	28069	5.334	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	19005	7.996	ug/L	0.00
20) 2-Butanone-d5	4.621	46	75867	40.611	ug/L	0.00
24) Chloroform-d	5.052	84	86160	5.937	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	42712	5.718	ug/L	0.00
32) Benzene-d6	5.717	84	162427	7.337	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	46765	6.217	ug/L	0.00
41) Toluene-d8	7.891	98	154380	8.361	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	20489	7.358	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	60221	47.379	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	35116	4.672	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	52075	6.071	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	56418	5.317	ug/L	97
3) Chloromethane	1.515	50	43524	3.979	ug/L	98
5) Vinyl chloride	1.599	62	47149	4.196	ug/L	100
6) Bromomethane	1.853	94	29417	4.398	ug/L	98
8) Chloroethane	1.927	64	26328	3.634	ug/L	99
9) Trichlorofluoromethane	2.132	101	81325	5.721	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42609	4.872	ug/L	92
12) 1,1-Dichloroethene	2.573	96	40980	5.038	ug/L	88
13) Acetone	2.631	43	52543	40.736	ug/L	96
14) Carbon disulfide	2.785	76	130470	5.043	ug/L	99
15) Methyl Acetate	2.949	43	13115	3.960	ug/L #	90
16) Methylene chloride	3.036	84	43834	4.488	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	102901	4.936	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	42343	4.925	ug/L	93
19) 1,1-Dichloroethane	3.859	63	76968	4.595	ug/L	97
21) 2-Butanone	4.698	43	81584	39.136	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	46525	4.808	ug/L	98
23) Bromochloromethane	4.965	128	20764	4.936	ug/L #	87
25) Chloroform	5.078	83	87941	5.023	ug/L	99
27) 1,2-Dichloroethane	5.785	62	54663	4.854	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	82525	6.301	ug/L	95
30) Cyclohexane	5.377	56	64656	4.720	ug/L	95
31) Carbon tetrachloride	5.515	117	74595	6.708	ug/L	99
33) Benzene	5.766	78	174994	5.100	ug/L	100
34) Trichloroethene	6.534	95	49088	5.360	ug/L	97
35) Methylcyclohexane	6.756	83	73141	5.221	ug/L	96
37) 1,2-Dichloropropane	6.782	63	44127	4.950	ug/L	99
38) Bromodichloromethane	7.097	83	60631	5.608	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	69079	5.526	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	203685	42.346	ug/L #	93
42) Toluene	7.962	91	193058	5.361	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	58539	5.897	ug/L	97

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45) 1,1,2-Trichloroethane	8.393	97	32576	4.960	ug/L	98
47) Tetrachloroethene	8.544	164	38696	5.810	ug/L	94
48) 2-Hexanone	8.676	43	148796	41.306	ug/L #	94
49) Dibromochloromethane	8.801	129	39838	5.742	ug/L	93
50) 1,2-Dibromoethane	8.917	107	31578	4.845	ug/L	97
51) Chlorobenzene	9.441	112	120983	4.906	ug/L	98
52) Ethylbenzene	9.563	91	217899	5.057	ug/L	98
53) m,p-Xylene	9.688	106	82388	5.418	ug/L	98
54) o-Xylene	10.093	106	78702	5.128	ug/L	98
55) Styrene	10.106	104	130011	5.142	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	38164	4.535	ug/L	98
59) Bromoform	10.283	173	23435	5.435	ug/L	99
60) Isopropylbenzene	10.476	105	215042	4.755	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	26970	4.022	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	182090	5.047	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	177071	4.922	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	96458	4.804	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	95487	4.914	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	89399	5.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6157	5.380	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	70582	5.908	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	54067	5.905	ug/L	97
71) Naphthalene	14.080	128	76323	5.172	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	45660	5.790	ug/L	98

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

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