

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060009.D
 Acq On : 18 Jul 2024 11:04
 Operator : MD/SY
 Sample : VSTD0.574
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5074

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 19 01:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:02:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	129444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	4281	0.474	ug/L	0.00
7) Chloroethane-d5	1.911	69	3883	0.449	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	1765m	0.474	ug/L	0.00
20) 2-Butanone-d5	4.656	46	8385m	4.368	ug/L	0.03
24) Chloroform-d	5.062	84	8787	0.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	4048	0.451	ug/L	0.00
32) Benzene-d6	5.727	84	15418	0.411	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5479	0.472	ug/L	0.00
41) Toluene-d8	7.898	98	12847	0.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	1315	0.353	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	5400	3.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4610	0.473	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	5033	0.467	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	5122	0.473	ug/L	94
3) Chloromethane	1.515	50	6860	0.587	ug/L	97
5) Vinyl chloride	1.599	62	7370	0.565	ug/L	93
6) Bromomethane	1.856	94	4544	0.502	ug/L	90
8) Chloroethane	1.930	64	4715	0.595	ug/L	98
9) Trichlorofluoromethane	2.132	101	8613	0.539	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5522	0.541	ug/L	96
12) 1,1-Dichloroethene	2.576	96	5170	0.554	ug/L	84
13) Acetone	2.653	43	6941m	5.544	ug/L	
14) Carbon disulfide	2.788	76	15533	0.514	ug/L	100
15) Methyl Acetate	2.962	43	1375	0.429	ug/L #	60
16) Methylene chloride	3.046	84	6635	0.598	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	10972	0.540	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	5417	0.562	ug/L	97
19) 1,1-Dichloroethane	3.865	63	10343	0.577	ug/L	98
21) 2-Butanone	4.734	43	9620m	4.841	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	5427	0.507	ug/L	96
23) Bromochloromethane	4.975	128	2809	0.571	ug/L	93
25) Chloroform	5.081	83	12126	0.638	ug/L	95
27) 1,2-Dichloroethane	5.791	62	6294	0.558	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	8258	0.517	ug/L	95
30) Cyclohexane	5.383	56	5616	0.411	ug/L	98
31) Carbon tetrachloride	5.518	117	7519	0.560	ug/L	99
33) Benzene	5.772	78	21343	0.509	ug/L	100
34) Trichloroethene	6.544	95	5834	0.519	ug/L	97
35) Methylcyclohexane	6.756	83	6573	0.414	ug/L	94
37) 1,2-Dichloropropane	6.785	63	6255	0.577	ug/L	98
38) Bromodichloromethane	7.100	83	7977	0.589	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	6978	0.473	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	21122	4.219	ug/L	99
42) Toluene	7.968	91	21092	0.475	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	6122	0.514	ug/L	89

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

45) 1,1,2-Trichloroethane	8.396	97	4678	0.580	ug/L	95
47) Tetrachloroethene	8.547	164	4789	0.537	ug/L	89
48) 2-Hexanone	8.685	43	15367m	4.300	ug/L	
49) Dibromochloromethane	8.804	129	5021	0.557	ug/L	99
50) 1,2-Dibromoethane	8.920	107	4016	0.540	ug/L #	94
51) Chlorobenzene	9.444	112	15332	0.544	ug/L	93
52) Ethylbenzene	9.566	91	19793	0.437	ug/L	99
53) m,p-Xylene	9.688	106	7613	0.437	ug/L	87
54) o-Xylene	10.097	106	7242	0.436	ug/L	90
55) Styrene	10.116	104	10781	0.382	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	5669	0.577	ug/L	98
59) Bromoform	10.290	173	3088	0.660	ug/L #	87
60) Isopropylbenzene	10.479	105	18159	0.487	ug/L	95
61) 1,2,3-Trichloropropane	10.820	75	3427	0.613	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	12619	0.431	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	11296	0.404	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	10643	0.553	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	11058	0.564	ug/L	94
67) 1,2-Dichlorobenzene	12.212	146	10403	0.576	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	548	0.498	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.219	180	8004	0.560	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	5380	0.493	ug/L	98
71) Naphthalene	14.097	128	6620m	0.427	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	4487	0.444	ug/L	99

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

