

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062151.D
 Acq On : 09 Dec 2024 10:52
 Operator : MD/SY
 Sample : VSTD0.556
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5056

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/10/2024
 Supervised By :Semsettin Yesilyurt 12/10/2024

Quant Time: Dec 09 12:56:49 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	6.241	114	109257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	48833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3993	0.745	ug/L	0.00
7) Chloroethane-d5	1.907	69	2930	0.618	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1889	0.882	ug/L	0.00
20) 2-Butanone-d5	4.653	46	6966m	4.139	ug/L	0.02
24) Chloroform-d	5.058	84	8371	0.640	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	3952	0.587	ug/L	0.00
32) Benzene-d6	5.721	84	15111	0.753	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	4237	0.621	ug/L	0.00
41) Toluene-d8	7.894	98	14287	0.854	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1865	0.739	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	5086	4.415	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	3293	0.483	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	4813	0.667	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	5191	0.543	ug/L	95
3) Chloromethane	1.515	50	4241	0.430	ug/L	96
5) Vinyl chloride	1.602	62	4303	0.425	ug/L	99
6) Bromomethane	1.853	94	2922	0.485	ug/L	97
8) Chloroethane	1.927	64	2619	0.401	ug/L	84
9) Trichlorofluoromethane	2.132	101	7237	0.565	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	4008	0.509	ug/L	91
12) 1,1-Dichloroethene	2.573	96	3776	0.515	ug/L #	78
14) Carbon disulfide	2.788	76	11940	0.512	ug/L	100
15) Methyl Acetate	2.975	43	1211m	0.406	ug/L	
16) Methylene chloride	3.039	84	3911	0.445	ug/L	85
17) Methyl tert-butyl Ether	3.357	73	8705	0.464	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	3668	0.474	ug/L	91
19) 1,1-Dichloroethane	3.865	63	6899	0.457	ug/L	94
21) 2-Butanone	4.730	43	6090	3.243	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	4245	0.487	ug/L	84
23) Bromochloromethane	4.975	128	1614	0.426	ug/L #	82
25) Chloroform	5.078	83	7217	0.458	ug/L	89
27) 1,2-Dichloroethane	5.795	62	5022	0.495	ug/L #	93
29) 1,1,1-Trichloroethane	5.306	97	6689	0.564	ug/L	94
30) Cyclohexane	5.370	56	5544	0.447	ug/L	97
31) Carbon tetrachloride	5.515	117	6115	0.607	ug/L	99
33) Benzene	5.766	78	15500	0.498	ug/L	100
34) Trichloroethene	6.537	95	4261	0.513	ug/L	83
35) Methylcyclohexane	6.753	83	6253	0.492	ug/L	96
37) 1,2-Dichloropropane	6.782	63	3731	0.462	ug/L #	90
38) Bromodichloromethane	7.100	83	5091	0.520	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	5637	0.498	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	16706	3.832	ug/L #	94
42) Toluene	7.965	91	16082	0.493	ug/L	97
44) trans-1,3-Dichloropropene	8.212	75	4458	0.495	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	2663	0.447	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.547	164	3326	0.551	ug/L	94
48) 2-Hexanone	8.685	43	12768	3.911	ug/L #	91
49) Dibromochloromethane	8.804	129	3225	0.513	ug/L	94
50) 1,2-Dibromoethane	8.920	107	2580	0.437	ug/L #	96
51) Chlorobenzene	9.441	112	10967	0.491	ug/L	96
52) Ethylbenzene	9.563	91	17788	0.455	ug/L	98
53) m,p-Xylene	9.688	106	6295	0.457	ug/L	91
54) o-Xylene	10.093	106	6364	0.457	ug/L	98
55) Styrene	10.113	104	9955	0.434	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	3265	0.428	ug/L #	94
59) Bromoform	10.286	173	1680	0.463	ug/L #	92
60) Isopropylbenzene	10.476	105	16795	0.441	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	2362	0.418	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	13903	0.458	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	13924	0.460	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	8143	0.482	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	9022	0.551	ug/L	93
67) 1,2-Dichlorobenzene	12.206	146	7824	0.532	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.997	75	396	0.411	ug/L	88
69) 1,3,5-Trichlorobenzene	13.215	180	5867	0.583	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	4972	0.645	ug/L	96
71) Naphthalene	14.096	128	8023	0.646	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.325	180	4725	0.712	ug/L	94

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

