

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055036.D
 Acq On : 01 Sep 2023 12:53
 Operator : MD/SY
 Sample : VSTD0.549
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5049

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 23:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	204477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.419	117	202680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	103429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	4181	0.593	ug/L	0.00
7) Chloroethane-d5	1.908	69	4180	0.468	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	2346	0.585	ug/L	0.00
20) 2-Butanone-d5	4.650	46	10473m	3.098	ug/L	0.02
24) Chloroform-d	5.065	84	10335	0.425	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	5365	0.420	ug/L	0.00
32) Benzene-d6	5.728	84	20450	0.436	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	6771	0.423	ug/L	0.00
41) Toluene-d8	7.898	98	18943	0.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.187	79	1578	0.308	ug/L	0.00
46) 2-Hexanone-d5	8.641	63	5703	2.384	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.756	84	4652	0.349	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.197	152	7433	0.457	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	5148	0.407	ug/L	96
3) Chloromethane	1.519	50	5796	0.441	ug/L	99
5) Vinyl chloride	1.599	62	5928	0.438	ug/L	99
6) Bromomethane	1.856	94	3570	0.423	ug/L	80
8) Chloroethane	1.930	64	3925	0.439	ug/L	92
9) Trichlorofluoromethane	2.136	101	8441	0.435	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	4935	0.462	ug/L	99
12) 1,1-Dichloroethene	2.577	96	4454	0.478	ug/L	91
14) Carbon disulfide	2.789	76	11333	0.451	ug/L	99
15) Methyl Acetate	2.966	43	1741	0.453	ug/L #	66
16) Methylene chloride	3.043	84	9888	0.673	ug/L	99
17) Methyl tert-butyl Ether	3.364	73	10510	0.393	ug/L #	88
18) trans-1,2-Dichloroethene	3.351	96	4290	0.426	ug/L	75
19) 1,1-Dichloroethane	3.866	63	9215	0.435	ug/L	89
21) 2-Butanone	4.734	43	12625m	4.332	ug/L	
22) cis-1,2-Dichloroethene	4.667	96	5539	0.466	ug/L	86
23) Bromochloromethane	4.972	128	2036	0.394	ug/L	78
27) 1,2-Dichloroethane	5.798	62	5749	0.406	ug/L #	94
29) 1,1,1-Trichloroethane	5.316	97	7370	0.371	ug/L	96
30) Cyclohexane	5.384	56	6946	0.398	ug/L #	95
31) Carbon tetrachloride	5.528	117	6382	0.379	ug/L	100
33) Benzene	5.773	78	19087	0.403	ug/L	100
34) Trichloroethene	6.544	95	5682	0.436	ug/L	95
35) Methylcyclohexane	6.760	83	6951	0.362	ug/L	92
37) 1,2-Dichloropropane	6.792	63	4827	0.365	ug/L #	89
38) Bromodichloromethane	7.104	83	5903	0.364	ug/L	97
39) cis-1,3-Dichloropropene	7.609	75	6409	0.342	ug/L	95
40) 4-Methyl-2-pentanone	7.795	43	31046	4.226	ug/L	98
42) Toluene	7.969	91	19810	0.381	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	4352	0.283	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	3284	0.374	ug/L	93
47) Tetrachloroethene	8.557	164	3546	0.379	ug/L	84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055036.D
 Acq On : 01 Sep 2023 12:53
 Operator : MD/SY
 Sample : VSTD0.549
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5049

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 23:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.689	43	28603	5.235	ug/L #	98
49) Dibromochloromethane	8.808	129	3608	0.352	ug/L	90
50) 1,2-Dibromoethane	8.927	107	3140	0.370	ug/L #	97
51) Chlorobenzene	9.448	112	14197	0.417	ug/L #	89
52) Ethylbenzene	9.570	91	21927	0.374	ug/L	100
53) m,p-Xylene	9.695	106	8343	0.381	ug/L	77
54) o-Xylene	10.104	106	7924	0.375	ug/L	99
55) Styrene	10.116	104	13135	0.378	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.782	83	4056	0.366	ug/L	80
59) Bromoform	10.290	173	1846	0.370	ug/L #	89
60) Isopropylbenzene	10.486	105	23087	0.428	ug/L	100
61) 1,2,3-Trichloropropane	10.827	75	3567	0.469	ug/L	94
62) 1,3,5-Trimethylbenzene	11.088	105	18594	0.404	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	20143	0.472	ug/L	96
64) 1,3-Dichlorobenzene	11.747	146	12484	0.494	ug/L	96
65) 1,4-Dichlorobenzene	11.837	146	13004	0.517	ug/L	96
67) 1,2-Dichlorobenzene	12.213	146	12048	0.526	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	12.991	75	608	0.420	ug/L #	59
69) 1,3,5-Trichlorobenzene	13.222	180	10418	0.615	ug/L	95
70) 1,2,4-trichlorobenzene	13.840	180	13251	0.990	ug/L	97
71) Naphthalene	14.091	128	28903	1.420	ug/L	98
72) 1,2,3-Trichlorobenzene	14.332	180	11312	1.008	ug/L	97

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

