

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051213.D
 Acq On : 07 Oct 2022 11:34
 Operator : JC/MD
 Sample : VSTD0.556
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5056

Quant Time: Oct 08 00:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:22:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/10/2022

Supervised By :Mahesh

Supervised By :Mahesh

10/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	173818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	8005	0.575	ug/L	0.00
7) Chloroethane-d5	1.912	69	7192	0.618	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	3068	0.503	ug/L	0.00
20) 2-Butanone-d5	4.658	46	15557	3.313	ug/L	0.02
24) Chloroform-d	5.063	84	14828	0.491	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	8517	0.488	ug/L	0.00
32) Benzene-d6	5.729	84	26610	0.444	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	9262	0.451	ug/L	0.00
41) Toluene-d8	7.899	98	21656	0.410	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2937	0.398	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	6917	2.414	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	7552	0.439	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	7171	0.513	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	6188	0.363	ug/L	90
3) Chloromethane	1.520	50	10579	0.482	ug/L	99
5) Vinyl chloride	1.600	62	8966	0.480	ug/L	91
6) Bromomethane	1.854	94	5502	0.540	ug/L	88
8) Chloroethane	1.932	64	6172	0.560	ug/L	93
9) Trichlorofluoromethane	2.134	101	10593	0.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	6510	0.571	ug/L	98
12) 1,1-Dichloroethene	2.578	96	6134	0.535	ug/L	95
13) Acetone	2.652	43	10732m	3.673	ug/L	
14) Carbon disulfide	2.790	76	19104	0.540	ug/L	98
15) Methyl Acetate	2.967	43	2659	0.365	ug/L #	70
16) Methylene chloride	3.044	84	12213	0.487	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	12536	0.354	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	6249	0.476	ug/L	97
19) 1,1-Dichloroethane	3.870	63	13013	0.461	ug/L	95
21) 2-Butanone	4.739	43	15217m	3.133	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	6621	0.441	ug/L	100
23) Bromochloromethane	4.980	128	3348	0.486	ug/L #	91
27) 1,2-Dichloroethane	5.800	62	8521	0.423	ug/L #	92
29) 1,1,1-Trichloroethane	5.314	97	10113	0.413	ug/L	94
30) Cyclohexane	5.385	56	6648	0.339	ug/L	98
31) Carbon tetrachloride	5.526	117	8285	0.417	ug/L	99
33) Benzene	5.774	78	26803	0.413	ug/L	100
34) Trichloroethene	6.546	95	6807	0.435	ug/L	93
35) Methylcyclohexane	6.761	83	6936	0.362	ug/L	95
37) 1,2-Dichloropropane	6.793	63	7759	0.422	ug/L #	97
38) Bromodichloromethane	7.108	83	8821	0.387	ug/L	86
39) cis-1,3-Dichloropropene	7.607	75	8571	0.363	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	31031	2.527	ug/L	95
42) Toluene	7.970	91	30961	0.477	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	6928	0.336	ug/L	93
45) 1,1,2-Trichloroethane	8.401	97	5629	0.428	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.552	164	5934	0.553	ug/L	95
49) Dibromochloromethane	8.809	129	6128	0.421	ug/L	84
50) 1,2-Dibromoethane	8.925	107	4592	0.395	ug/L #	98
51) Chlorobenzene	9.449	112	16842	0.408	ug/L	97
52) Ethylbenzene	9.571	91	21359	0.328	ug/L	96
53) m,p-Xylene	9.693	106	8238	0.339	ug/L	87
54) o-Xylene	10.102	106	7520	0.316	ug/L	94
55) Styrene	10.118	104	12317	0.302	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	6792	0.405	ug/L	92
59) Bromoform	10.291	173	3127	0.523	ug/L #	96
60) Isopropylbenzene	10.484	105	17616	0.389	ug/L	96
61) 1,2,3-Trichloropropane	10.825	75	4717	0.517	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	5132	0.155	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	12320	0.339	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	10243	0.454	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	10385	0.464	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	10348	0.463	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	781	0.389	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.221	180	7468	0.453	ug/L	95
70) 1,2,4-trichlorobenzene	13.848	180	4255	0.313	ug/L	95
71) Naphthalene	14.092	128	7684	0.293	ug/L	95
72) 1,2,3-Trichlorobenzene	14.333	180	4692	0.357	ug/L	98

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

