

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055336.D
 Acq On : 15 Sep 2023 13:16
 Operator : MD/SY
 Sample : VSTD00156
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001056

Quant Time: Sep 16 00:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

09/20/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	183225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	95851	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	10300	0.995	ug/L	0.00
7) Chloroethane-d5	1.911	69	11465	1.341	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	3987	0.901	ug/L	0.00
20) 2-Butanone-d5	4.644	46	27228	13.350	ug/L	0.02
24) Chloroform-d	5.062	84	22233	1.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	11441	1.206	ug/L	0.00
32) Benzene-d6	5.727	84	38451	0.946	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	13342	1.097	ug/L	0.00
41) Toluene-d8	7.898	98	30393	0.805	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	4295	0.913	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	12687	8.566	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	11231	1.224	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	11391	0.938	ug/L	0.00

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	18492	1.267	ug/L	100
3) Chloromethane	1.515	50	18477	1.341	ug/L	96
5) Vinyl chloride	1.599	62	19510	1.345	ug/L	98
6) Bromomethane	1.856	94	15328	1.622	ug/L	85
8) Chloroethane	1.930	64	15241	1.545	ug/L	99
9) Trichlorofluoromethane	2.133	101	30283	1.306	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	14978	1.169	ug/L	99
12) 1,1-Dichloroethene	2.576	96	13495	1.177	ug/L	91
13) Acetone	2.644	43	19714	8.590	ug/L	99
14) Carbon disulfide	2.789	76	41837	1.364	ug/L	98
15) Methyl Acetate	2.962	43	4903	1.156	ug/L #	84
16) Methylene chloride	3.039	84	22530	1.464	ug/L	83
17) Methyl tert-butyl Ether	3.361	73	31236	1.095	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	14933	1.256	ug/L	98
19) 1,1-Dichloroethane	3.866	63	27780	1.169	ug/L	96
21) 2-Butanone	4.721	43	31464m	10.013	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	16234	1.172	ug/L	97
23) Bromochloromethane	4.975	128	7296	1.225	ug/L	99
25) Chloroform	5.084	83	30776	1.197	ug/L	99
27) 1,2-Dichloroethane	5.792	62	19031	1.272	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	25119	1.038	ug/L	98
30) Cyclohexane	5.383	56	21659	1.062	ug/L	95
31) Carbon tetrachloride	5.525	117	21380	1.032	ug/L	96
33) Benzene	5.772	78	63788	1.134	ug/L	100
34) Trichloroethene	6.538	95	18110	1.188	ug/L	93
35) Methylcyclohexane	6.759	83	24485	1.086	ug/L	99
37) 1,2-Dichloropropane	6.788	63	17558	1.188	ug/L #	95
38) Bromodichloromethane	7.103	83	19285	1.047	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	21039	0.979	ug/L	96
40) 4-Methyl-2-pentanone	7.792	43	76005	10.343	ug/L	98
42) Toluene	7.968	91	65964	1.098	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	15267	0.877	ug/L	96

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

45) 1,1,2-Trichloroethane	8.399	97	11700	1.121	ug/L	90
47) Tetrachloroethene	8.550	164	12162	1.015	ug/L	97
48) 2-Hexanone	8.685	43	54444	9.706	ug/L	100
49) Dibromochloromethane	8.808	129	10422	0.904	ug/L	96
50) 1,2-Dibromoethane	8.920	107	10574	1.086	ug/L	97
51) Chlorobenzene	9.444	112	43679	1.088	ug/L	96
52) Ethylbenzene	9.570	91	73070	1.094	ug/L	97
53) m,p-Xylene	9.695	106	25483	1.005	ug/L	90
54) o-Xylene	10.100	106	24373	0.979	ug/L	93
55) Styrene	10.113	104	38545	0.946	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.779	83	12085	0.981	ug/L #	99
59) Bromoform	10.287	173	5229	0.872	ug/L	98
60) Isopropylbenzene	10.483	105	68196	1.128	ug/L	99
61) 1,2,3-Trichloropropane	10.824	75	10063	1.266	ug/L	94
62) 1,3,5-Trimethylbenzene	11.087	105	49511	1.020	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	48047	0.989	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	31603	1.069	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	30895	1.049	ug/L	99
67) 1,2-Dichlorobenzene	12.213	146	28258	1.045	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	1479	0.917	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.219	180	21082	0.983	ug/L	100
70) 1,2,4-trichlorobenzene	13.840	180	15954	0.917	ug/L	95
71) Naphthalene	14.087	128	21056	0.842	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	13423	0.917	ug/L	99

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

