

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061614.D
 Acq On : 13 Nov 2024 09:07
 Operator : MD/SY
 Sample : VSTD00137
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001037

Quant Time: Nov 14 00:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:03:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/14/2024
 Supervised By :Mahesh Dadoda 11/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180681	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	10683	0.915	ug/L	0.00
7) Chloroethane-d5	1.911	69	9318	0.935	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	4933	0.942	ug/L	0.00
20) 2-Butanone-d5	4.647	46	21721	8.919	ug/L	0.02
24) Chloroform-d	5.055	84	20987	0.904	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	10496	0.943	ug/L	0.00
32) Benzene-d6	5.721	84	43087	0.920	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	12988	0.941	ug/L	0.00
41) Toluene-d8	7.894	98	38404	0.880	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	4092	0.805	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	16420	8.212	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	9957	0.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	12582	0.914	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	13270	0.988	ug/L	97
3) Chloromethane	1.518	50	11714	0.962	ug/L	99
5) Vinyl chloride	1.602	62	12516	0.931	ug/L	100
6) Bromomethane	1.856	94	7479	0.932	ug/L	95
8) Chloroethane	1.930	64	8833	0.947	ug/L	97
9) Trichlorofluoromethane	2.136	101	18952	0.959	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	11055	0.946	ug/L	96
12) 1,1-Dichloroethene	2.576	96	10009	0.918	ug/L	92
13) Acetone	2.653	43	14776	9.465	ug/L	98
14) Carbon disulfide	2.788	76	31345	0.895	ug/L	100
15) Methyl Acetate	2.962	43	3510	0.900	ug/L #	81
16) Methylene chloride	3.043	84	12048	0.958	ug/L	94
17) Methyl tert-butyl Ether	3.358	73	24415	0.913	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	11310	0.945	ug/L	88
19) 1,1-Dichloroethane	3.862	63	20484	0.939	ug/L	99
21) 2-Butanone	4.727	43	24088m	9.799	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	12419	0.920	ug/L	100
23) Bromochloromethane	4.968	128	5404	0.902	ug/L	94
25) Chloroform	5.081	83	21860	0.951	ug/L	97
27) 1,2-Dichloroethane	5.792	62	14315	0.992	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	18251	0.948	ug/L	97
30) Cyclohexane	5.380	56	17558	0.913	ug/L	98
31) Carbon tetrachloride	5.515	117	14852	0.906	ug/L	98
33) Benzene	5.766	78	47669	0.931	ug/L	100
34) Trichloroethene	6.538	95	12983	0.939	ug/L	98
35) Methylcyclohexane	6.753	83	18609	0.892	ug/L	99
37) 1,2-Dichloropropane	6.785	63	12346	0.950	ug/L #	91
38) Bromodichloromethane	7.097	83	13990	0.897	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	15671	0.847	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	56285	9.035	ug/L	99
42) Toluene	7.965	91	49795	0.903	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	12222	0.833	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	8882	0.938	ug/L	95
47) Tetrachloroethene	8.547	164	9222	0.887	ug/L	96
48) 2-Hexanone	8.685	43	37679	8.530	ug/L	97
49) Dibromochloromethane	8.804	129	8555	0.861	ug/L	99
50) 1,2-Dibromoethane	8.917	107	7864	0.880	ug/L	92
51) Chlorobenzene	9.441	112	32590	0.918	ug/L	96
52) Ethylbenzene	9.563	91	51987	0.885	ug/L	96
53) m,p-Xylene	9.689	106	18998	0.845	ug/L	99
54) o-Xylene	10.094	106	18843	0.863	ug/L	96
55) Styrene	10.110	104	27749	0.798	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	10501	0.911	ug/L	99
59) Bromoform	10.287	173	4368	0.854	ug/L #	97
60) Isopropylbenzene	10.476	105	48090	0.898	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	7065	0.971	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	37517	0.875	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	35602	0.853	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	22284	0.907	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	23677	0.949	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	21555	0.943	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.994	75	1189	0.936	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	15608	0.910	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	10916	0.821	ug/L	97
71) Naphthalene	14.090	128	14792m	0.800	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	9294	0.833	ug/L	98

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

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