

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061258.D
 Acq On : 26 Oct 2024 04:51
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005110

Quant Time: Oct 26 05:10:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 01:22:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	186325	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46352	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	40667	3.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.560	65	19957	3.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.631	46	129004	50.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.400%
24) Chloroform-d	5.052	84	105917	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	53153	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.718	84	204789	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.679	67	63118	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.888	98	184171	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	23817	4.064	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.624	63	113351	47.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52112	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	64337	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59332	4.776	ug/L	100
3) Chloromethane	1.515	50	59586	4.549	ug/L	100
5) Vinyl chloride	1.599	62	66864	4.643	ug/L	98
6) Bromomethane	1.853	94	46251	4.846	ug/L	96
8) Chloroethane	1.930	64	43868	4.137	ug/L	97
9) Trichlorofluoromethane	2.133	101	99200	5.071	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54434	4.686	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52716	4.785	ug/L	93
13) Acetone	2.653	43	78779	48.401	ug/L	97
14) Carbon disulfide	2.785	76	165804	4.511	ug/L	98
15) Methyl Acetate	2.956	43	21392	5.308	ug/L	94
16) Methylene chloride	3.036	84	64055	4.934	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	150242	5.032	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	60731	4.986	ug/L	99
19) 1,1-Dichloroethane	3.859	63	112618	4.902	ug/L	98
21) 2-Butanone	4.711	43	134178	52.001	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	69577	5.001	ug/L	97
23) Bromochloromethane	4.968	128	30029	5.129	ug/L	94
25) Chloroform	5.078	83	118912	4.923	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	76961	5.042	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	101344	4.883	ug/L	99
30) Cyclohexane	5.380	56	100776	4.841	ug/L	99
31) Carbon tetrachloride	5.515	117	86204	4.854	ug/L	96
33) Benzene	5.763	78	258690	4.936	ug/L	100
34) Trichloroethene	6.534	95	69204	4.854	ug/L	98
35) Methylcyclohexane	6.753	83	105623	4.654	ug/L	99
37) 1,2-Dichloropropane	6.779	63	67040	5.046	ug/L	100
38) Bromodichloromethane	7.097	83	81896	4.871	ug/L	95
39) cis-1,3-Dichloropropene	7.599	75	96075	4.682	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	339239	51.306	ug/L	99
42) Toluene	7.962	91	281020	4.937	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	77339	4.626	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	48707	5.094	ug/L	98
47) Tetrachloroethene	8.547	164	48516	4.872	ug/L	98
48) 2-Hexanone	8.676	43	244248	52.237	ug/L	98
49) Dibromochloromethane	8.801	129	52580	4.849	ug/L	96
50) 1,2-Dibromoethane	8.917	107	45391	4.887	ug/L #	94
51) Chlorobenzene	9.438	112	178918	4.973	ug/L	98
52) Ethylbenzene	9.563	91	307123	4.905	ug/L	99
53) m,p-Xylene	9.685	106	117248	4.916	ug/L	97
54) o-Xylene	10.094	106	113500	4.822	ug/L	97
55) Styrene	10.107	104	186154	4.933	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	58717	5.097	ug/L	100
59) Bromoform	10.283	173	28609	4.803	ug/L	99
60) Isopropylbenzene	10.476	105	304886	4.959	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40184	5.013	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	243565	4.867	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	242689	4.906	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	130488	5.043	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	129130	4.896	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	122163	5.017	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8275	4.916	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.209	180	89138	5.026	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74440	5.201	ug/L	98
71) Naphthalene	14.081	128	123421	5.465	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	64125	5.355	ug/L	99

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

