

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038226.D
 Acq On : 20 Nov 2024 19:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005308

Quant Time: Nov 21 01:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	250287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	265297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	138804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	89944	4.689	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.529	69	75687	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.053	65	40091	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.793	46	192159	50.071	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.140%
24) Chloroform-d	4.243	84	183293	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.937	65	86009	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.953	84	331636	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.982	67	99722	4.726	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.236	98	318259	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.554	79	37918	4.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.021	63	154747	50.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92556	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	121631	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	81819	3.455	ug/L	99
3) Chloromethane	1.214	50	73800	3.619	ug/L	100
5) Vinyl chloride	1.278	62	81062	3.508	ug/L	100
6) Bromomethane	1.484	94	40340	4.478	ug/L	99
8) Chloroethane	1.545	64	49546	3.365	ug/L	99
9) Trichlorofluoromethane	1.709	101	115206	3.504	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	66064	3.520	ug/L	98
12) 1,1-Dichloroethene	2.063	96	61658	3.449	ug/L	87
13) Acetone	2.127	43	96373	33.954	ug/L	99
14) Carbon disulfide	2.233	76	188848	3.279	ug/L	99
15) Methyl Acetate	2.381	43	23876	3.464	ug/L	97
16) Methylene chloride	2.442	84	69491	3.409	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	134506	3.328	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	63713	3.383	ug/L	100
19) 1,1-Dichloroethane	3.104	63	118320	3.461	ug/L	97
21) 2-Butanone	3.883	43	121942	29.934	ug/L	92
22) cis-1,2-Dichloroethene	3.809	96	66148	3.397	ug/L	97
23) Bromochloromethane	4.143	128	33428	3.516	ug/L	94
25) Chloroform	4.268	83	127510	3.487	ug/L	96

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27) 1,2-Dichloroethane	5.040	62	70275	3.532	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	109155	3.431	ug/L	98
30) Cyclohexane	4.571	56	80347	3.045	ug/L	98
31) Carbon tetrachloride	4.725	117	96562	3.440	ug/L	99
33) Benzene	5.005	78	253314	3.399	ug/L	100
34) Trichloroethene	5.831	95	66878	3.292	ug/L	99
35) Methylcyclohexane	6.040	83	88741	3.088	ug/L	99
37) 1,2-Dichloropropane	6.088	63	62026	3.323	ug/L	99
38) Bromodichloromethane	6.429	83	86340	3.441	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	83921	3.221	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	330942	33.875	ug/L	99
42) Toluene	7.310	91	276372	3.502	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	76039	3.455	ug/L	96
45) 1,1,2-Trichloroethane	7.763	97	54281	3.586	ug/L	97
47) Tetrachloroethene	7.898	164	54440	3.335	ug/L	99
48) 2-Hexanone	8.072	43	252234	35.604	ug/L	98
49) Dibromochloromethane	8.169	129	56619	3.431	ug/L	98
50) 1,2-Dibromoethane	8.278	107	49641	3.537	ug/L	99
51) Chlorobenzene	8.808	112	181792	3.343	ug/L	99
52) Ethylbenzene	8.940	91	268708	3.209	ug/L	100
53) m,p-Xylene	9.066	106	103860	3.287	ug/L	97
54) o-Xylene	9.471	106	97604	3.173	ug/L	94
55) Styrene	9.490	104	179344	3.308	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	60793	3.434	ug/L	99
59) Bromoform	9.660	173	28667	3.549	ug/L	99
60) Isopropylbenzene	9.860	105	267940	3.351	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	42277	3.558	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	196706	3.101	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	197509	3.122	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	140164	3.265	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	147367	3.396	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	135484	3.410	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	9640	3.614	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	93026	3.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	74005	2.944	ug/L	97
71) Naphthalene	13.435	128	99623	2.548	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	69183	2.979	ug/L	99

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

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