

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092424\
 Data File : VV037504.D
 Acq On : 24 Sep 2024 14:42
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Sep 25 03:00:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 02:58:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	360414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	348309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	182417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	90370	4.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.529	69	82945	3.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.053	65	41383	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.805	46	277635	43.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.880%
24) Chloroform-d	4.239	84	215929	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.937	65	101161	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	4.950	84	408803	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.982	67	125744	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.236	98	382688	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.551	79	46942	4.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.021	63	244913	52.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	109025	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	144894	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	151353	4.521	ug/L	100
3) Chloromethane	1.214	50	142967	4.002	ug/L	98
5) Vinyl chloride	1.278	62	154011	4.387	ug/L	98
6) Bromomethane	1.484	94	84179	3.997	ug/L	98
8) Chloroethane	1.545	64	94979	4.499	ug/L	100
9) Trichlorofluoromethane	1.709	101	207399	4.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	125630	4.750	ug/L	98
12) 1,1-Dichloroethene	2.063	96	116125	4.598	ug/L	97
13) Acetone	2.143	43	189952	43.172	ug/L	99
14) Carbon disulfide	2.233	76	349683	4.391	ug/L	100
15) Methyl Acetate	2.387	43	47137	4.677	ug/L	98
16) Methylene chloride	2.442	84	133910	4.612	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	302613	5.040	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	133648	5.029	ug/L	98
19) 1,1-Dichloroethane	3.104	63	241382	4.757	ug/L	99
21) 2-Butanone	3.889	43	293332	43.864	ug/L	94
22) cis-1,2-Dichloroethene	3.805	96	144275	5.022	ug/L	97
23) Bromochloromethane	4.140	128	62217	5.001	ug/L	98
25) Chloroform	4.265	83	247535	4.842	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	138072	4.774	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	212293	5.140	ug/L	98
30) Cyclohexane	4.571	56	203211	5.072	ug/L	99
31) Carbon tetrachloride	4.725	117	180490	5.134	ug/L	99
33) Benzene	5.002	78	524657	4.999	ug/L	100
34) Trichloroethene	5.825	95	142874	5.052	ug/L	98
35) Methylcyclohexane	6.040	83	222445	5.174	ug/L	99
37) 1,2-Dichloropropane	6.085	63	130384	4.883	ug/L	98
38) Bromodichloromethane	6.426	83	165690	4.957	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	193968	5.015	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	736362	48.171	ug/L	96
42) Toluene	7.307	91	565835	5.183	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	152892	4.899	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	98324	5.145	ug/L	98
47) Tetrachloroethene	7.899	164	109269	5.398	ug/L	97
48) 2-Hexanone	8.072	43	534822	47.868	ug/L	97
49) Dibromochloromethane	8.169	129	100830	5.036	ug/L	99
50) 1,2-Dibromoethane	8.278	107	91758	5.082	ug/L	99
51) Chlorobenzene	8.808	112	373561	5.139	ug/L	98
52) Ethylbenzene	8.940	91	639762	5.251	ug/L	99
53) m,p-Xylene	9.066	106	241034	5.377	ug/L	100
54) o-Xylene	9.471	106	236453	5.328	ug/L	98
55) Styrene	9.490	104	403378	5.361	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	116418	5.043	ug/L	96
59) Bromoform	9.661	173	49888	4.675	ug/L	98
60) Isopropylbenzene	9.860	105	642851	5.265	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	78898	4.753	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	516717	5.337	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	521233	5.359	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	300681	5.209	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	306686	5.181	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	272503	5.092	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16214	4.710	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	218654	5.312	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	184364	5.441	ug/L	99
71) Naphthalene	13.435	128	281736	5.441	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	156163	5.570	ug/L	97

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

