

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037464.D
 Acq On : 21 Sep 2024 04:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Quant Time: Sep 21 05:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	354819	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	358769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	182504	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94342	4.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.529	69	83360	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.053	65	41390	3.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.806	46	283227	45.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.060%
24) Chloroform-d	4.243	84	221498	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.937	65	103280	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.953	84	417446	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.982	67	130254	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.236	98	383770	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.555	79	43751	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.024	63	246993	51.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	110437	4.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	141942	4.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	147914	4.488	ug/L	99
3) Chloromethane	1.214	50	145183	4.128	ug/L	100
5) Vinyl chloride	1.278	62	153732	4.448	ug/L	95
6) Bromomethane	1.484	94	85818	4.139	ug/L	100
8) Chloroethane	1.545	64	98509	4.740	ug/L	98
9) Trichlorofluoromethane	1.709	101	207134	4.818	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	119030	4.571	ug/L	98
12) 1,1-Dichloroethene	2.063	96	116326	4.678	ug/L	96
13) Acetone	2.140	43	193362	44.640	ug/L	100
14) Carbon disulfide	2.233	76	362854	4.628	ug/L	100
15) Methyl Acetate	2.384	43	54419	5.485	ug/L	96
16) Methylene chloride	2.442	84	139741	4.888	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	311111	5.264	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	130719	4.997	ug/L	98
19) 1,1-Dichloroethane	3.105	63	245266	4.910	ug/L	99
21) 2-Butanone	3.886	43	305259	46.368	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	146444	5.178	ug/L	98
23) Bromochloromethane	4.143	128	62431	5.097	ug/L	96
25) Chloroform	4.269	83	249679	4.961	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	144749	5.083	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	215255	5.060	ug/L	99
30) Cyclohexane	4.574	56	195081	4.727	ug/L	98
31) Carbon tetrachloride	4.725	117	176859	4.884	ug/L	99
33) Benzene	5.005	78	541017	5.005	ug/L	100
34) Trichloroethene	5.828	95	146002	5.012	ug/L	98
35) Methylcyclohexane	6.043	83	208304	4.704	ug/L	98
37) 1,2-Dichloropropane	6.085	63	136403	4.960	ug/L	99
38) Bromodichloromethane	6.426	83	166135	4.825	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	182058	4.570	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	792000	50.300	ug/L	96
42) Toluene	7.310	91	579501	5.154	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	142113	4.421	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	99650	5.062	ug/L	97
47) Tetrachloroethene	7.899	164	105338	5.052	ug/L	98
48) 2-Hexanone	8.072	43	575550	50.011	ug/L	98
49) Dibromochloromethane	8.172	129	99515	4.826	ug/L	99
50) 1,2-Dibromoethane	8.278	107	95234	5.121	ug/L	97
51) Chlorobenzene	8.809	112	376116	5.023	ug/L	100
52) Ethylbenzene	8.940	91	632020	5.036	ug/L	99
53) m,p-Xylene	9.069	106	238963	5.175	ug/L	98
54) o-Xylene	9.474	106	232952	5.096	ug/L	97
55) Styrene	9.490	104	401920	5.186	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	123351	5.187	ug/L	97
59) Bromoform	9.661	173	47199	4.421	ug/L	98
60) Isopropylbenzene	9.860	105	634784	5.197	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	86921	5.234	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	508039	5.245	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	510560	5.247	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	296916	5.141	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	304400	5.140	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	275749	5.151	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16655	4.836	ug/L	90
69) 1,3,5-Trichlorobenzene	12.577	180	209929	5.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	182066	5.371	ug/L	99
71) Naphthalene	13.435	128	306359	5.914	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	158693	5.657	ug/L	96

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

