

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091024\
 Data File : VV037244.D
 Acq On : 10 Sep 2024 12:12
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV273

Quant Time: Sep 11 05:02:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 04:56:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	337095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	329250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	169132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	97172	4.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.529	69	100153	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.053	65	49358	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.818	46	301333	50.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.960%
24) Chloroform-d	4.239	84	234506	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.934	65	109858	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.950	84	461204	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	5.982	67	141268	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.236	98	417478	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.551	79	47272	5.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.024	63	233269	52.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	110601	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	152992	5.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	161812	5.168	ug/L	100
3) Chloromethane	1.214	50	167447	5.012	ug/L	98
5) Vinyl chloride	1.278	62	167238	5.093	ug/L	98
6) Bromomethane	1.484	94	104251	5.292	ug/L	98
8) Chloroethane	1.545	64	100330	5.081	ug/L	98
9) Trichlorofluoromethane	1.709	101	214927	5.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	125348	5.067	ug/L	99
12) 1,1-Dichloroethene	2.063	96	121274	5.134	ug/L	96
13) Acetone	2.156	43	196711	47.800	ug/L	98
14) Carbon disulfide	2.233	76	383098	5.143	ug/L	99
15) Methyl Acetate	2.387	43	48090	5.102	ug/L	99
16) Methylene chloride	2.442	84	131685	4.849	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	298256	5.311	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	130301	5.242	ug/L	97
19) 1,1-Dichloroethane	3.104	63	241757	5.094	ug/L	98
21) 2-Butanone	3.899	43	312565	49.974	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	140749	5.238	ug/L	98
23) Bromochloromethane	4.143	128	59758	5.136	ug/L	95
25) Chloroform	4.268	83	243368	5.090	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	140039	5.176	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	202860	5.196	ug/L	97
30) Cyclohexane	4.571	56	205850	5.435	ug/L	98
31) Carbon tetrachloride	4.725	117	172398	5.188	ug/L	100
33) Benzene	5.002	78	523320	5.275	ug/L	100
34) Trichloroethene	5.825	95	139278	5.210	ug/L	96
35) Methylcyclohexane	6.040	83	218155	5.368	ug/L	99
37) 1,2-Dichloropropane	6.085	63	127301	5.044	ug/L	99
38) Bromodichloromethane	6.426	83	164125	5.194	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	195359	5.344	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	791540	54.778	ug/L	97
42) Toluene	7.307	91	560204	5.429	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	156969	5.321	ug/L	95
45) 1,1,2-Trichloroethane	7.763	97	98624	5.459	ug/L	97
47) Tetrachloroethene	7.899	164	99966	5.225	ug/L	98
48) 2-Hexanone	8.072	43	570053	53.975	ug/L	98
49) Dibromochloromethane	8.172	129	100751	5.323	ug/L	100
50) 1,2-Dibromoethane	8.278	107	92804	5.437	ug/L	95
51) Chlorobenzene	8.808	112	363278	5.287	ug/L	98
52) Ethylbenzene	8.940	91	620958	5.392	ug/L	100
53) m,p-Xylene	9.066	106	229121	5.407	ug/L	99
54) o-Xylene	9.471	106	227558	5.424	ug/L	98
55) Styrene	9.490	104	394781	5.551	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.172	83	114496	5.247	ug/L	96
59) Bromoform	9.660	173	50563	5.110	ug/L	98
60) Isopropylbenzene	9.860	105	612185	5.408	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	78960	5.130	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	492470	5.486	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	503636	5.585	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	286805	5.359	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	290456	5.292	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	267358	5.389	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	16438	5.150	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	203435	5.331	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	181282	5.771	ug/L	100
71) Naphthalene	13.435	128	342793	7.140	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	155572	5.984	ug/L	97

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

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