

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037370.D
 Acq On : 19 Sep 2024 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

Quant Time: Sep 20 01:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	324453	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	326854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	173494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	98880	5.195	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.529	69	86816	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.053	65	46262	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.831	46	253608	44.581	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	4.240	84	212893	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.937	65	99309	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.950	84	402336	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	5.982	67	123771	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.236	98	379333	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.551	79	42518	4.743	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.024	63	218390	49.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	103293	4.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	135799	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	140010	4.646	ug/L	100
3) Chloromethane	1.214	50	133358	4.147	ug/L	97
5) Vinyl chloride	1.278	62	146064	4.621	ug/L	100
6) Bromomethane	1.484	94	58187	3.069	ug/L	100
8) Chloroethane	1.545	64	99022	5.210	ug/L	97
9) Trichlorofluoromethane	1.709	101	197859	5.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	119002	4.998	ug/L	100
12) 1,1-Dichloroethene	2.063	96	113535	4.993	ug/L	95
13) Acetone	2.159	43	180001	45.444	ug/L	94
14) Carbon disulfide	2.233	76	352394	4.915	ug/L	99
15) Methyl Acetate	2.388	43	43004	4.740	ug/L	100
16) Methylene chloride	2.442	84	126412	4.836	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	262039	4.848	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	120700	5.045	ug/L	99
19) 1,1-Dichloroethane	3.105	63	223173	4.886	ug/L	99
21) 2-Butanone	3.905	43	268134	44.540	ug/L	93
22) cis-1,2-Dichloroethene	3.806	96	127897	4.946	ug/L	97
23) Bromochloromethane	4.143	128	55871	4.989	ug/L	98
25) Chloroform	4.265	83	229344	4.984	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	128541	4.937	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	192695	4.972	ug/L	98
30) Cyclohexane	4.571	56	174771	4.648	ug/L	99
31) Carbon tetrachloride	4.725	117	164432	4.985	ug/L	100
33) Benzene	5.002	78	498776	5.065	ug/L	100
34) Trichloroethene	5.828	95	128973	4.860	ug/L	97
35) Methylcyclohexane	6.040	83	194050	4.810	ug/L	99
37) 1,2-Dichloropropane	6.085	63	123012	4.909	ug/L	100
38) Bromodichloromethane	6.426	83	151895	4.842	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	162814	4.486	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	704122	49.085	ug/L	96
42) Toluene	7.307	91	524567	5.120	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	132883	4.537	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	92770	5.173	ug/L	99
47) Tetrachloroethene	7.899	164	96021	5.055	ug/L	98
48) 2-Hexanone	8.076	43	507295	48.384	ug/L	98
49) Dibromochloromethane	8.169	129	92660	4.932	ug/L	99
50) 1,2-Dibromoethane	8.278	107	86884	5.128	ug/L	96
51) Chlorobenzene	8.809	112	338539	4.963	ug/L	100
52) Ethylbenzene	8.940	91	560556	4.903	ug/L	100
53) m,p-Xylene	9.066	106	214808	5.106	ug/L	97
54) o-Xylene	9.471	106	207667	4.986	ug/L	99
55) Styrene	9.490	104	365702	5.179	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	111071	5.127	ug/L	94
59) Bromoform	9.661	173	43227	4.259	ug/L	96
60) Isopropylbenzene	9.860	105	559587	4.819	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	75534	4.784	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	447023	4.855	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	450075	4.866	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	270084	4.920	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	274240	4.871	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	254690	5.004	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	15259	4.661	ug/L	91
69) 1,3,5-Trichlorobenzene	12.577	180	191993	4.904	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	151381	4.698	ug/L	99
71) Naphthalene	13.435	128	197614	4.013	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	127580	4.784	ug/L	97

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

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