

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058880.D
 Acq On : 14 May 2024 12:02
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV067

Quant Time: May 15 00:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	178453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90396	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51571	4.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.910	69	48131	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.563	65	21117	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.627	46	143629	51.106	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.220%
24) Chloroform-d	5.055	84	109440	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	53846	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	207371	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.685	67	68189	5.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	181596	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.174	79	23953	5.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.627	63	118606	53.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59314	5.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	68697	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	67323	5.156	ug/L	96
3) Chloromethane	1.518	50	75412	4.961	ug/L	99
5) Vinyl chloride	1.602	62	83192	5.108	ug/L	99
6) Bromomethane	1.856	94	51400	5.066	ug/L	94
8) Chloroethane	1.933	64	51990	5.023	ug/L	99
9) Trichlorofluoromethane	2.136	101	105949	5.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64356	5.084	ug/L	98
12) 1,1-Dichloroethene	2.576	96	58063	5.223	ug/L	97
13) Acetone	2.644	43	99901	51.430	ug/L	97
14) Carbon disulfide	2.788	76	174624	4.957	ug/L	99
15) Methyl Acetate	2.955	43	24896	5.157	ug/L	98
16) Methylene chloride	3.039	84	76457	5.069	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	152886	5.290	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	62075	5.303	ug/L	95
19) 1,1-Dichloroethane	3.862	63	124938	5.106	ug/L	99
21) 2-Butanone	4.705	43	161116	51.714	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	70715	5.247	ug/L	92
23) Bromochloromethane	4.968	128	30578	5.137	ug/L	96
25) Chloroform	5.081	83	127840	5.000	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	79880	5.113	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	103630	5.282	ug/L	99
30) Cyclohexane	5.383	56	99839	5.383	ug/L	98
31) Carbon tetrachloride	5.518	117	86799	5.304	ug/L	96
33) Benzene	5.769	78	274497	5.323	ug/L	100
34) Trichloroethene	6.537	95	71690	5.255	ug/L	98
35) Methylcyclohexane	6.756	83	105810	5.437	ug/L	99
37) 1,2-Dichloropropane	6.785	63	76232	5.207	ug/L	99
38) Bromodichloromethane	7.100	83	91959	5.240	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	106824	5.354	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	411131	54.335	ug/L	100
42) Toluene	7.962	91	290965	5.409	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	86857	5.335	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	53681	5.213	ug/L	98
47) Tetrachloroethene	8.547	164	51284	5.277	ug/L	97
48) 2-Hexanone	8.679	43	300158	55.047	ug/L	99
49) Dibromochloromethane	8.804	129	57168	5.264	ug/L	99
50) 1,2-Dibromoethane	8.917	107	48588	5.339	ug/L	97
51) Chlorobenzene	9.441	112	182390	5.321	ug/L	99
52) Ethylbenzene	9.563	91	315006	5.424	ug/L	97
53) m,p-Xylene	9.688	106	116234	5.469	ug/L	97
54) o-Xylene	10.093	106	113317	5.451	ug/L	98
55) Styrene	10.110	104	200457	5.732	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	68153	5.220	ug/L	100
59) Bromoform	10.283	173	33813	5.119	ug/L	100
60) Isopropylbenzene	10.479	105	313311	5.414	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	46943	5.043	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	248485	5.387	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	254948	5.574	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	150477	5.344	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	151037	5.374	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	141263	5.368	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	10118	5.403	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	114573	5.426	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	99110	5.688	ug/L	98
71) Naphthalene	14.080	128	166099	6.326	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	89690	5.866	ug/L	100

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

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