

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071624\
 Data File : U059983.D
 Acq On : 16 Jul 2024 18:46
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Jul 17 02:33:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 17 02:25:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	175555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	47081	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.907	69	42941	3.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.557	65	18858	3.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.627	46	128419	51.071	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.055	84	99137	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.695	65	48138	3.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	5.721	84	190865	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.685	67	59099	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.894	98	175828	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	20420	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	105296	54.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52794	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	67525	4.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	67903	4.565	ug/L	99
3) Chloromethane	1.515	50	78600	4.909	ug/L	97
5) Vinyl chloride	1.599	62	87728	4.960	ug/L	99
6) Bromomethane	1.849	94	50658	4.119	ug/L	97
8) Chloroethane	1.927	64	55267	5.186	ug/L	93
9) Trichlorofluoromethane	2.129	101	111759	5.249	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	70888	5.260	ug/L	91
12) 1,1-Dichloroethene	2.570	96	68046	5.465	ug/L	84
13) Acetone	2.637	43	102951	63.116	ug/L	97
14) Carbon disulfide	2.785	76	185169	4.458	ug/L	100
15) Methyl Acetate	2.949	43	27647	6.423	ug/L	92
16) Methylene chloride	3.036	84	80765	5.474	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	171009	6.374	ug/L	99
18) trans-1,2-Dichloroethene	3.344	96	70310	5.430	ug/L	92
19) 1,1-Dichloroethane	3.859	63	130461	5.464	ug/L	99
21) 2-Butanone	4.705	43	173277	66.231	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	82963	5.813	ug/L	94
23) Bromochloromethane	4.968	128	38880	5.975	ug/L	87
25) Chloroform	5.078	83	139232	5.536	ug/L	98

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27) 1,2-Dichloroethane	5.788	62	86742	5.691	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	113940	5.601	ug/L	98
30) Cyclohexane	5.380	56	98226	5.469	ug/L	94
31) Carbon tetrachloride	5.515	117	94744	5.563	ug/L	98
33) Benzene	5.766	78	301523	5.637	ug/L	100
34) Trichloroethene	6.537	95	81322	5.613	ug/L	97
35) Methylcyclohexane	6.756	83	108934	5.285	ug/L	94
37) 1,2-Dichloropropane	6.785	63	81126	5.860	ug/L #	97
38) Bromodichloromethane	7.100	83	98827	5.719	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	108909	5.753	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	441638	68.849	ug/L	97
42) Toluene	7.965	91	329151	5.812	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	89020	5.858	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	63714	6.246	ug/L	97
47) Tetrachloroethene	8.550	164	64219	5.713	ug/L	97
48) 2-Hexanone	8.679	43	323278	70.615	ug/L #	97
49) Dibromochloromethane	8.804	129	69218	6.125	ug/L	98
50) 1,2-Dibromoethane	8.920	107	58650	6.226	ug/L	97
51) Chlorobenzene	9.444	112	213039	5.931	ug/L	94
52) Ethylbenzene	9.566	91	336643	5.795	ug/L	94
53) m,p-Xylene	9.688	106	130540	5.850	ug/L	99
54) o-Xylene	10.097	106	129164	6.100	ug/L	98
55) Styrene	10.109	104	222448	6.171	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	76627	6.192	ug/L #	98
59) Bromoform	10.286	173	44232	6.195	ug/L	97
60) Isopropylbenzene	10.479	105	338098	5.866	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	50499	5.857	ug/L	93
62) 1,3,5-Trimethylbenzene	11.084	105	268845	5.888	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	267915	6.137	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	175542	5.988	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	172911	5.731	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	164697	5.970	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	11091	6.595	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.215	180	129071	5.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	107128	6.436	ug/L	99
71) Naphthalene	14.084	128	162256	6.810	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	97759	6.325	ug/L	97

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

