

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060127.D
 Acq On : 23 Jul 2024 21:15
 Operator : MD/SY
 Sample : P3280-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MS

Quant Time: Jul 24 04:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 04:18:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	116039	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	125013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26502	3.283	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.907	69	30659	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.563	65	10728	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.621	46	99156	52.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.060%
24) Chloroform-d	5.055	84	77258	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	36635	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	132321	3.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	45392	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	119785	3.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.174	79	12477	3.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.627	63	77054	47.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46739	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	52992	4.341	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	37115	4.230	ug/L	100
3) Chloromethane	1.518	50	46053	4.345	ug/L	98
5) Vinyl chloride	1.602	62	51243	4.313	ug/L	100
6) Bromomethane	1.853	94	35130	4.542	ug/L	97
8) Chloroethane	1.930	64	35199	4.536	ug/L	99
9) Trichlorofluoromethane	2.132	101	68962	4.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42225	4.318	ug/L	100
12) 1,1-Dichloroethene	2.573	96	40498	4.572	ug/L	90
13) Acetone	2.631	43	67264	53.871	ug/L	96
14) Carbon disulfide	2.788	76	111886	4.338	ug/L	99
15) Methyl Acetate	2.949	43	10000	3.256	ug/L	100
16) Methylene chloride	3.039	84	49608	4.568	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	90674	4.489	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	41648	4.520	ug/L	93
19) 1,1-Dichloroethane	3.859	63	81237	4.644	ug/L	98
21) 2-Butanone	4.698	43	95586	48.359	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	50174	4.862	ug/L	95
23) Bromochloromethane	4.965	128	24726	4.930	ug/L	92
25) Chloroform	5.078	83	87766	4.562	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	52747	4.796	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	69217	4.433	ug/L	99
30) Cyclohexane	5.380	56	47344	3.834	ug/L	100
31) Carbon tetrachloride	5.515	117	59942	4.450	ug/L	98
33) Benzene	5.766	78	185082	4.482	ug/L	100
34) Trichloroethene	6.537	95	49192	4.491	ug/L	98
35) Methylcyclohexane	6.756	83	51369	3.578	ug/L	96
37) 1,2-Dichloropropane	6.782	63	48682	4.363	ug/L	99
38) Bromodichloromethane	7.097	83	62023	4.437	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	50154	3.440	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	230003	46.588	ug/L	98
42) Toluene	7.962	91	242429	5.516	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	41439	3.402	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	41576	4.877	ug/L	99
47) Tetrachloroethene	8.547	164	40474	4.469	ug/L	98
48) 2-Hexanone	8.679	43	181305	50.156	ug/L	99
49) Dibromochloromethane	8.804	129	43867	4.651	ug/L	99
50) 1,2-Dibromoethane	8.917	107	36853	4.781	ug/L	95
51) Chlorobenzene	9.441	112	129031	4.494	ug/L	99
52) Ethylbenzene	9.566	91	191152	4.361	ug/L	99
53) m,p-Xylene	9.688	106	79855	4.716	ug/L	97
54) o-Xylene	10.093	106	73492	4.539	ug/L	99
55) Styrene	10.110	104	122870	4.458	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	49398	4.736	ug/L	100
59) Bromoform	10.283	173	28296	4.604	ug/L	99
60) Isopropylbenzene	10.479	105	186031	4.206	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	33978	4.765	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	134695	3.985	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	137499	4.210	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	105044	4.413	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	101882	4.205	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	101733	4.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	6869	4.943	ug/L	84
69) 1,3,5-Trichlorobenzene	13.212	180	70962	3.950	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	56227	4.113	ug/L	99
71) Naphthalene	14.084	128	81645	4.215	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	52078	4.236	ug/L	98

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

