

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062123\
 Data File : VU054636.D
 Acq On : 21 Jun 2023 12:16
 Operator : MD/SY
 Sample : 03326-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA38

Quant Time: Jun 22 02:43:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 22 02:42:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	339141	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	322734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152999	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	128917	5.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.400%
7) Chloroethane-d5	1.914	69	101043	5.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.563	65	50541	5.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.800%
20) 2-Butanone-d5	4.634	46	302354	49.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.640%
24) Chloroform-d	5.058	84	201587	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	98439	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.724	84	400938	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.685	67	134576	4.492	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	351090	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	49427	4.744	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.631	63	196971	45.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97485	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	120438	4.667	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%

Target Compounds				Qvalue		
5) Vinyl chloride	1.605	62	53545	1.433	ug/L	95
12) 1,1-Dichloroethene	2.576	96	10038	0.408	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	30170	1.188	ug/L	97
19) 1,1-Dichloroethane	3.865	63	17382	0.331	ug/L #	97
22) cis-1,2-Dichloroethene	4.660	96	4686906	162.058	ug/L	97
25) Chloroform	5.084	83	158745	3.064	ug/L	99
27) 1,2-Dichloroethane	5.788	62	6781	0.223	ug/L #	95
30) Cyclohexane	5.383	56	20141	0.423	ug/L	93
33) Benzene	5.772	78	78610	0.678	ug/L	100
34) Trichloroethene	6.537	95	16803305	547.850	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	5564	0.279	ug/L	94
47) Tetrachloroethene	8.550	164	150555	6.413	ug/L	99
51) Chlorobenzene	9.444	112	222632	2.990	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	13057	0.249	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	8375	0.174	ug/L	94

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

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