

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062123\
 Data File : VU054637.D
 Acq On : 21 Jun 2023 12:40
 Operator : MD/SY
 Sample : VIBLK165
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK165

Quant Time: Jun 22 02:44:01 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	306374	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	294458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	126583	6.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.800%
7) Chloroethane-d5	1.914	69	100808	5.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.400%
11) 1,1-Dichloroethene-d2	2.563	65	48684	5.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.800%
20) 2-Butanone-d5	4.627	46	274745	50.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.240%
24) Chloroform-d	5.058	84	191028	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.698	65	97875	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.724	84	383310	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.685	67	132311	4.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	330400	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.177	79	45878	4.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	175745	44.067	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	92558	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	112689	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	5374	0.163	ug/L	96
5) Vinyl chloride	1.605	62	4991	0.148	ug/L #	55
8) Chloroethane	1.933	64	3103	0.153	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	4742	0.195	ug/L #	79
12) 1,1-Dichloroethene	2.576	96	4457	0.201	ug/L #	1
14) Carbon disulfide	2.792	76	9428	0.143	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	7382	0.135	ug/L #	95
18) trans-1,2-Dichloroethene	3.357	96	3077	0.134	ug/L	97
19) 1,1-Dichloroethane	3.869	63	6859	0.144	ug/L	91
22) cis-1,2-Dichloroethene	4.663	96	15679	0.600	ug/L	92
27) 1,2-Dichloroethane	5.795	62	3941	0.144	ug/L #	74
29) 1,1,1-Trichloroethane	5.319	97	5372	0.135	ug/L	97
33) Benzene	5.769	78	14569	0.138	ug/L	100
34) Trichloroethene	6.541	95	76701	2.741	ug/L	93
37) 1,2-Dichloropropane	6.785	63	4460	0.156	ug/L	99
38) Bromodichloromethane	7.103	83	4466	0.138	ug/L #	91
39) cis-1,3-Dichloropropene	7.605	75	5089	0.130	ug/L #	78
44) trans-1,3-Dichloropropene	8.213	75	4941	0.156	ug/L	85
45) 1,1,2-Trichloroethane	8.396	97	2335	0.128	ug/L #	80

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47) Tetrachloroethene	8.550	164	3278	0.153	ug/L	96
49) Dibromochloromethane	8.807	129	2992	0.157	ug/L	81
50) 1,2-Dibromoethane	8.920	107	2342	0.140	ug/L #	89
51) Chlorobenzene	9.444	112	10493	0.154	ug/L	94
61) 1,2,3-Trichloropropane	10.817	75	2413	0.172	ug/L	92
62) 1,3,5-Trimethylbenzene	11.084	105	10593	0.128	ug/L	89
64) 1,3-Dichlorobenzene	11.746	146	6381	0.135	ug/L	91
65) 1,4-Dichlorobenzene	11.833	146	7202	0.152	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	6856	0.157	ug/L #	92

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

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