

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055002.D
 Acq On : 30 Aug 2023 16:28
 Operator : MD/SY
 Sample : 04153-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH461

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Aug 31 02:38:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.255	114	185804	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	95003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19413	3.310	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.907	69	26764	3.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.560	65	12673	3.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.062	84	99649	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.702	65	55452	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.730	84	171113	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.708	67	68230	4.820	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.901	98	156626	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.181	79	21283	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.634	63	141766	64.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.220%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	64314	5.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	71019	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	38638	3.098	ug/L	98
12) 1,1-Dichloroethene	2.576	96	136880	16.314	ug/L #	74
16) Methylene chloride	3.039	84	10158	0.788	ug/L	96
17) Methyl tert-butyl Ether	3.367	73	4126	0.169	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	380825	41.537	ug/L	94
19) 1,1-Dichloroethane	3.872	63	2502	0.130	ug/L	95
22) cis-1,2-Dichloroethene	4.644	96	41112849m	3761.228	ug/L	
25) Chloroform	5.087	83	76568	3.630	ug/L	99
27) 1,2-Dichloroethane	5.798	62	12200	0.947	ug/L #	89
30) Cyclohexane	5.390	56	48963	3.103	ug/L	98
33) Benzene	5.779	78	67984	1.609	ug/L	100
34) Trichloroethene	6.534	95	56830943m	4854.331	ug/L	
35) Methylcyclohexane	6.775	83	116661	6.735	ug/L #	91
42) Toluene	7.972	91	11963	0.255	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	25358	3.190	ug/L	98
47) Tetrachloroethene	8.554	164	61226	7.278	ug/L	95
51) Chlorobenzene	9.444	112	76483	2.507	ug/L	97
54) o-Xylene	10.100	106	3848	0.203	ug/L	83
60) Isopropylbenzene	10.483	105	17292	0.339	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.746	146	29309	1.235	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	200283	8.437	ug/L	97
67) 1,2-Dichlorobenzene	12.213	146	145478	6.726	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	4092124	330.254	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	968248	94.312	ug/L	99

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

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