

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058255.D
 Acq On : 28 Mar 2024 21:23
 Operator : MD/SY
 Sample : P1902-24
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOD1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
 Supervised By :Semsettin Yesilyurt 03/29/2024

Quant Time: Mar 29 01:14:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72865	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	77244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19989	3.246	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.000%	
7) Chloroethane-d5	1.908	69	20127	4.004	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.000%	
11) 1,1-Dichloroethene-d2	2.560	65	8760	3.427	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	4.621	46	55681	50.900	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.800%	
24) Chloroform-d	5.052	84	46544	4.228	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.695	65	23234	4.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
32) Benzene-d6	5.721	84	88327	3.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.400%	
36) 1,2-Dichloropropane-d6	6.682	67	29138	3.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.800%	
41) Toluene-d8	7.894	98	76152	3.426	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	8540	3.605	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.000%	
46) 2-Hexanone-d5	8.644	63	30567	31.858	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	63.720%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22620	4.696	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	29627	4.260	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
3) Chloromethane	1.515	50	746	0.195	ug/L	96
5) Vinyl chloride	1.599	62	970	0.232	ug/L #	61
12) 1,1-Dichloroethene	2.573	96	1915	0.524	ug/L #	1
13) Acetone	2.637	43	21901	30.934	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	1479	0.387	ug/L	95
21) 2-Butanone	4.727	43	4331	4.027	ug/L #	71
22) cis-1,2-Dichloroethene	4.657	96	86704	18.380	ug/L	97
25) Chloroform	5.078	83	9154	1.018	ug/L	94
30) Cyclohexane	5.383	56	1300	0.186	ug/L #	88
33) Benzene	5.769	78	35870	1.768	ug/L	100
34) Trichloroethene	6.534	95	473311	89.549	ug/L	98
38) Bromodichloromethane	7.100	83	943	0.145	ug/L #	97
42) Toluene	7.965	91	28507	1.330	ug/L	96
47) Tetrachloroethene	8.595	164	41720496m	11784.636	ug/L	
52) Ethylbenzene	9.570	91	6108	0.255	ug/L	98
53) m,p-Xylene	9.692	106	1197	0.140	ug/L	91
55) Styrene	10.116	104	2697	0.198	ug/L	98
60) Isopropylbenzene	10.480	105	4373	0.195	ug/L	96
63) 1,2,4-Trimethylbenzene	11.467	105	2143	0.115	ug/L	95

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

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