

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060059.D
 Acq On : 19 Jul 2024 14:46
 Operator : MD/SY
 Sample : P3244-02 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 20 01:40:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	135283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39649	4.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.911	69	34116	3.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.563	65	14326	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.624	46	121235	55.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.180%
24) Chloroform-d	5.055	84	82931	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.695	65	41233	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.721	84	163610	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	53844	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	137509	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	19227	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	97926	56.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49188	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	61133	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	737572	53.247	ug/L	100
8) Chloroethane	1.930	64	3319	0.367	ug/L	96
12) 1,1-Dichloroethene	2.573	96	1767	0.171	ug/L #	1
13) Acetone	2.640	43	12601	8.656	ug/L	100
16) Methylene chloride	3.036	84	1942	0.153	ug/L	78
18) trans-1,2-Dichloroethene	3.348	96	5901	0.549	ug/L	89
19) 1,1-Dichloroethane	3.865	63	6661	0.327	ug/L	91
21) 2-Butanone	4.721	43	11175m	4.849	ug/L	
22) cis-1,2-Dichloroethene	4.656	96	1077080	89.528	ug/L	99
33) Benzene	5.769	78	34684	0.775	ug/L	100
42) Toluene	7.962	91	5347070	112.227	ug/L	100
51) Chlorobenzene	9.444	112	8454	0.272	ug/L	93
52) Ethylbenzene	9.566	91	105781	2.226	ug/L	97
53) m,p-Xylene	9.685	106	152797	8.324	ug/L	100
54) o-Xylene	10.094	106	91599	5.218	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	15731	0.455	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	56921	1.704	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	6762	0.290	ug/L	94

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

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