

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060972.D
 Acq On : 23 Sep 2024 13:11
 Operator : MD/SY
 Sample : P4092-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B17

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
 Supervised By :Semsettin Yesilyurt 09/25/2024

Quant Time: Sep 24 06:09:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	142132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55693	4.357	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.910	69	43082	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	19656	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.637	46	112002	54.575	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.140%
24) Chloroform-d	5.055	84	94227	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	42490	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.721	84	176397	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.688	67	60978	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	159805	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	21854	4.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.627	63	99105	56.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.940%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46652	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	63695	4.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	305612	24.915	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	125417	12.810	ug/L	99
12) 1,1-Dichloroethene	2.576	96	265168	29.659	ug/L #	70
16) Methylene chloride	3.039	84	600456	57.995	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	13985	0.692	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	10616	1.146	ug/L	95
19) 1,1-Dichloroethane	3.859	63	57812	3.108	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	5590334	545.231	ug/L	98
25) Chloroform	5.078	83	138867	7.160	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	27809	1.728	ug/L	98
31) Carbon tetrachloride	5.518	117	6978	0.490	ug/L	92
33) Benzene	5.769	78	20824	0.508	ug/L	100
34) Trichloroethene	6.534	95	31482740m	2930.554	ug/L	
42) Toluene	7.965	91	47852	1.117	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	8963	1.099	ug/L	97
47) Tetrachloroethene	8.547	164	1371323	160.627	ug/L	99
51) Chlorobenzene	9.441	112	7327	0.255	ug/L	90
52) Ethylbenzene	9.563	91	48502	1.075	ug/L	94
53) m,p-Xylene	9.685	106	35369	2.068	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.093	106	496161	29.396	ug/L	96
60) Isopropylbenzene	10.476	105	71597	1.538	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.081	105	16576m	0.458	ug/L	
63) 1,2,4-Trimethylbenzene	11.460	105	49782m	1.393	ug/L	
65) 1,4-Dichlorobenzene	11.830	146	17947	0.742	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	196823	8.893	ug/L	99

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

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