

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061055.D
 Acq On : 01 Oct 2024 19:51
 Operator : MD/SY
 Sample : P4227-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-3(20240927)

Quant Time: Oct 02 02:37:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160141	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75297	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55101	4.481	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.911	69	44512	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.563	65	24378	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.628	46	150177	50.988	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.980%
24) Chloroform-d	5.055	84	101144	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.695	65	56084	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	204649	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.682	67	69671	5.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	187023	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.177	79	27914	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.627	63	127282	51.864	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51137	5.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	62074	5.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%

Target Compounds				Qvalue		
5) Vinyl chloride	1.602	62	32326	2.660	ug/L	99
12) 1,1-Dichloroethene	2.573	96	4642	0.467	ug/L #	1
16) Methylene chloride	3.039	84	1686	0.148	ug/L	84
18) trans-1,2-Dichloroethene	3.351	96	13096	1.203	ug/L	91
19) 1,1-Dichloroethane	3.859	63	495159	23.373	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	175568	14.480	ug/L	94
27) 1,2-Dichloroethane	5.788	62	78788	5.636	ug/L	96
30) Cyclohexane	5.383	56	4388	0.213	ug/L	91
33) Benzene	5.766	78	110700	2.345	ug/L	100
34) Trichloroethene	6.537	95	28458	2.224	ug/L	95
35) Methylcyclohexane	6.756	83	4554	0.220	ug/L	87
42) Toluene	7.968	91	9200	0.183	ug/L	99
47) Tetrachloroethene	8.547	164	11817	1.419	ug/L	95
51) Chlorobenzene	9.441	112	268439	8.763	ug/L	94
52) Ethylbenzene	9.569	91	8894	0.156	ug/L	98
60) Isopropylbenzene	10.479	105	14152	0.281	ug/L #	85
63) 1,2,4-Trimethylbenzene	11.463	105	10163	0.227	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	29997	1.390	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	47317	2.218	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	12.206	146	2467	0.124	ug/L	94
70) 1,2,4-trichlorobenzene	13.836	180	7214	0.619	ug/L #	84

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

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