

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061061.D
 Acq On : 01 Oct 2024 22:17
 Operator : MD/SY
 Sample : P4227-09 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 02:38:13 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	179819	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55589	4.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.911	69	44063	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.563	65	23668	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.631	46	155476	50.487	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	5.055	84	100989	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	56727	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.717	84	206954	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	69516	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	185892	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	28026	4.482	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.627	63	127055	49.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50736	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	61606	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	9075	0.714	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	316915	24.999	ug/L	93
34) Trichloroethene	6.537	95	6509	0.482	ug/L	89
35) Methylcyclohexane	6.756	83	3009	0.138	ug/L #	84
37) 1,2-Dichloropropane	6.682	63	7740	0.590	ug/L #	93
42) Toluene	7.962	91	867365	16.352	ug/L	100
47) Tetrachloroethene	8.547	164	19274	2.194	ug/L	98
49) Dibromochloromethane	8.547	129	20411	2.017	ug/L #	9
51) Chlorobenzene	9.441	112	67858	2.100	ug/L	92
52) Ethylbenzene	9.566	91	40158	0.668	ug/L	97
53) m,p-Xylene	9.685	106	57283	2.612	ug/L	90
54) o-Xylene	10.094	106	18424	0.854	ug/L	87
60) Isopropylbenzene	11.286	105	10597	0.195	ug/L	93
61) 1,2,3-Trichloropropane	11.740	75	15301	1.919	ug/L #	70
62) 1,3,5-Trimethylbenzene	11.084	105	10807	0.226	ug/L	93
63) 1,2,4-Trimethylbenzene	11.463	105	28358	0.587	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	41718	1.793	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	239802	10.428	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	57988	2.697	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	13.222	75	191	0.110	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.833	180	508223	31.028	ug/L #	96
70) 1,2,4-trichlorobenzene	13.833	180	508223	40.489	ug/L	97
71) Naphthalene	14.084	128	8659	0.422	ug/L	97
72) 1,2,3-Trichlorobenzene	14.322	180	88895	8.510	ug/L #	97

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

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