

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061313.D
 Acq On : 31 Oct 2024 15:51
 Operator : MD/SY
 Sample : P4629-21DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP34DL

Quant Time: Nov 01 00:00:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59605	5.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 101.000%	
7) Chloroethane-d5	1.907	69	57230	5.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.800%	
11) 1,1-Dichloroethene-d2	2.560	65	25472	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 101.000%	
20) 2-Butanone-d5	4.624	46	122640	51.225	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 102.440%	
24) Chloroform-d	5.055	84	114696	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.400%	
26) 1,2-Dichloroethane-d4	5.692	65	60047	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.600%	
32) Benzene-d6	5.718	84	243718	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.000%	
36) 1,2-Dichloropropane-d6	6.682	67	73550	5.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 108.400%	
41) Toluene-d8	7.891	98	218865	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.800%	
43) trans-1,3-Dichloroprop...	8.174	79	27434	4.955	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 99.200%	
46) 2-Hexanone-d5	8.627	63	113839	50.204	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 100.400%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51527	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 100.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	71643	5.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 107.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	178000	13.266	ug/L	99
12) 1,1-Dichloroethene	2.576	96	47121	4.591	ug/L	93
16) Methylene chloride	3.039	84	55334	4.575	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	38968	3.434	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	61939	4.778	ug/L	98
27) 1,2-Dichloroethane	5.785	62	82532	5.803	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	133458	6.807	ug/L	98
31) Carbon tetrachloride	5.515	117	48966	2.919	ug/L	99
33) Benzene	5.766	78	310723	6.275	ug/L	100
34) Trichloroethene	6.538	95	20665	1.534	ug/L	97
37) 1,2-Dichloropropane	6.782	63	88619	7.061	ug/L	100
42) Toluene	7.962	91	248117	4.614	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	18204	2.016	ug/L	96
47) Tetrachloroethene	8.547	164	61031	6.488	ug/L	100
51) Chlorobenzene	9.441	112	176173	5.184	ug/L	99
52) Ethylbenzene	9.563	91	383528	6.484	ug/L	100
53) m,p-Xylene	9.685	106	170860	7.583	ug/L	98
54) o-Xylene	10.094	106	65489	2.945	ug/L	99
55) Styrene	10.110	104	100528	2.820	ug/L	97

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65) 1,4-Dichlorobenzene	11.830	146	102381	4.148	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	131733	5.781	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	104825	7.827	ug/L	98

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

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