

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061800.D
 Acq On : 17 Nov 2024 21:41
 Operator : MD/SY
 Sample : P4829-04MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E29S4MSD

Quant Time: Nov 18 00:10:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	172651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38939	3.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.907	69	39560	4.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	19260	3.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.615	46	121381	51.265	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.540%
24) Chloroform-d	5.052	84	105701	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	51781	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	206612	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.679	67	63699	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	191268	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.171	79	21445	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.624	63	112176	56.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54740	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	66662	4.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	40888	3.186	ug/L	99
3) Chloromethane	1.518	50	42071	3.614	ug/L	99
5) Vinyl chloride	1.602	62	48667	3.788	ug/L #	71
6) Bromomethane	1.849	94	35841	4.676	ug/L	98
8) Chloroethane	1.927	64	34101	3.827	ug/L	93
9) Trichlorofluoromethane	2.132	101	73455	3.889	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45823	4.104	ug/L	98
12) 1,1-Dichloroethene	2.573	96	41750	4.006	ug/L	99
13) Acetone	2.624	43	66303	44.447	ug/L	98
14) Carbon disulfide	2.785	76	105180	3.142	ug/L	99
15) Methyl Acetate	2.946	43	14899	3.998	ug/L	99
16) Methylene chloride	3.036	84	53035	4.415	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	119387	4.674	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	46794	4.093	ug/L	99
19) 1,1-Dichloroethane	3.859	63	94447	4.531	ug/L	98
21) 2-Butanone	4.695	43	117535	48.244	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	69258	5.372	ug/L	99
23) Bromochloromethane	4.965	128	26684	4.660	ug/L	98
25) Chloroform	5.078	83	107731	4.904	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64787	4.700	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85316	4.476	ug/L	100
30) Cyclohexane	5.377	56	69837	3.668	ug/L	97
31) Carbon tetrachloride	5.515	117	69527	4.283	ug/L	100
33) Benzene	5.766	78	224342	4.426	ug/L	100
34) Trichloroethene	6.534	95	84260	6.156	ug/L	99
35) Methylcyclohexane	6.753	83	74824	3.625	ug/L	97
37) 1,2-Dichloropropane	6.779	63	59708	4.643	ug/L	99
38) Bromodichloromethane	7.097	83	72779	4.717	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	80782	4.414	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	303852	49.279	ug/L	99
42) Toluene	7.962	91	240241	4.402	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	63861	4.399	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	46638	4.975	ug/L	98
47) Tetrachloroethene	8.544	164	242497	23.578	ug/L	99
48) 2-Hexanone	8.676	43	225300	51.103	ug/L	99
49) Dibromochloromethane	8.798	129	46590	4.740	ug/L	97
50) 1,2-Dibromoethane	8.914	107	42884	4.850	ug/L	98
51) Chlorobenzene	9.438	112	159035	4.527	ug/L	99
52) Ethylbenzene	9.563	91	257308	4.426	ug/L	99
53) m,p-Xylene	9.685	106	97454	4.381	ug/L	96
54) o-Xylene	10.090	106	97626	4.515	ug/L	95
55) Styrene	10.106	104	157736	4.582	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	56661	4.967	ug/L	91
59) Bromoform	10.280	173	24733	4.591	ug/L	97
60) Isopropylbenzene	10.476	105	258585	4.581	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39275	5.122	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	196017	4.337	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	198777	4.518	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	120789	4.666	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	122560	4.662	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	114888	4.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7045	5.262	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	78975	4.369	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	64885	4.632	ug/L	99
71) Naphthalene	14.081	128	104708	5.206	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	59542	5.063	ug/L	99

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

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