

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061533.D
 Acq On : 07 Nov 2024 20:22
 Operator : MD/SY
 Sample : P4743-04MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46R4MS

Quant Time: Nov 08 00:33:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149346	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	144628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70830	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44824	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.911	69	43257	4.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.560	65	20434	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.631	46	129481	62.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.720%
24) Chloroform-d	5.052	84	106709	5.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	5.692	65	53724	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.718	84	213343	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.682	67	65026	5.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.891	98	197180	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	23563	4.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.624	63	120550	58.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54599	5.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	67675	5.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	43298	4.349	ug/L	99
3) Chloromethane	1.518	50	46846	4.462	ug/L	99
5) Vinyl chloride	1.599	62	92875	8.045	ug/L #	61
6) Bromomethane	1.853	94	27010	3.531	ug/L	95
8) Chloroethane	1.930	64	43988	5.176	ug/L	88
9) Trichlorofluoromethane	2.133	101	81577	5.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	43910	4.716	ug/L	99
12) 1,1-Dichloroethene	2.573	96	47274	5.354	ug/L	97
13) Acetone	2.650	43	111550	85.505	ug/L	97
14) Carbon disulfide	2.788	76	123408	4.189	ug/L	99
15) Methyl Acetate	2.956	43	17813	5.514	ug/L	99
16) Methylene chloride	3.039	84	56368	5.417	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	130948	5.472	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	134261	13.751	ug/L	96
19) 1,1-Dichloroethane	3.859	63	101008	5.485	ug/L	99
21) 2-Butanone	4.711	43	129004	62.375	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	1129242	101.256	ug/L	99
23) Bromochloromethane	4.965	128	27430	5.845	ug/L	99
25) Chloroform	5.078	83	108434	5.600	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67735	5.536	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	86450	4.881	ug/L	99
30) Cyclohexane	5.377	56	73745	4.151	ug/L	100
31) Carbon tetrachloride	5.515	117	71206	4.699	ug/L	96
33) Benzene	5.766	78	238253	5.327	ug/L	100
34) Trichloroethene	6.531	95	245038	20.139	ug/L	99
35) Methylcyclohexane	6.753	83	76236	3.937	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60608	5.346	ug/L	100
38) Bromodichloromethane	7.097	83	73807	5.144	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	85535	4.885	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	328343	58.190	ug/L	98
42) Toluene	7.962	91	252115	5.190	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	69318	4.858	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46551	5.706	ug/L	98
47) Tetrachloroethene	8.547	164	41264	4.856	ug/L	97
48) 2-Hexanone	8.676	43	236574	59.289	ug/L	99
49) Dibromochloromethane	8.801	129	47116	5.091	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43665	5.509	ug/L	97
51) Chlorobenzene	9.441	112	161195	5.250	ug/L	97
52) Ethylbenzene	9.563	91	267231	5.002	ug/L	99
53) m,p-Xylene	9.689	106	100849	4.955	ug/L	98
54) o-Xylene	10.094	106	100794	5.017	ug/L	98
55) Styrene	10.107	104	162149	5.035	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	59731	6.076	ug/L	99
59) Bromoform	10.283	173	25506	4.865	ug/L	99
60) Isopropylbenzene	10.476	105	264636	4.891	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40256	5.705	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	208434	4.732	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	207709	4.770	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	119623	5.253	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	117656	5.068	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	114491	5.342	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	7173	4.842	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	79865	5.116	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	65792	5.223	ug/L	99
71) Naphthalene	14.081	128	112961	5.683	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59882	5.682	ug/L	98

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

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