

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062488.D
 Acq On : 19 Dec 2024 20:27
 Operator : MD/SY
 Sample : P5305-10MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2AX4MSD

Quant Time: Dec 20 00:42:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	104693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	51930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26490	3.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.907	69	20814	4.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.557	65	13559	4.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.621	46	54400	40.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.400%
24) Chloroform-d	5.052	84	67444	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	36287	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.718	84	116805	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.679	67	32579	4.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.888	98	115210	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.174	79	15215	4.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.624	63	41490	38.707	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26565	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	43189	4.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	38630	3.939	ug/L	100
3) Chloromethane	1.515	50	26282	3.419	ug/L	96
5) Vinyl chloride	1.599	62	30803	3.849	ug/L	100
6) Bromomethane	1.853	94	22066	4.136	ug/L	100
8) Chloroethane	1.927	64	17575	3.921	ug/L	99
9) Trichlorofluoromethane	2.132	101	64083	4.613	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30451	4.027	ug/L	91
12) 1,1-Dichloroethene	2.573	96	28314	4.006	ug/L	86
13) Acetone	2.637	43	43252	46.938	ug/L	99
14) Carbon disulfide	2.785	76	80240	3.590	ug/L	100
15) Methyl Acetate	2.952	43	7985	3.458	ug/L #	80
16) Methylene chloride	3.036	84	31075	4.188	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	76942	4.369	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	29488	4.060	ug/L	91
19) 1,1-Dichloroethane	3.859	63	54752	4.113	ug/L	97
21) 2-Butanone	4.698	43	58761	43.911	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	34145	4.194	ug/L	93
23) Bromochloromethane	4.968	128	15872	4.448	ug/L #	81
25) Chloroform	5.074	83	66737	4.450	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45355	4.760	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	64605	4.688	ug/L	95
30) Cyclohexane	5.377	56	43939	3.932	ug/L	89
31) Carbon tetrachloride	5.515	117	59698	4.725	ug/L	98
33) Benzene	5.763	78	132934	4.379	ug/L	100
34) Trichloroethene	6.534	95	37730	4.388	ug/L	95
35) Methylcyclohexane	6.753	83	53467	4.194	ug/L	94
37) 1,2-Dichloropropane	6.779	63	29414	3.979	ug/L	98
38) Bromodichloromethane	7.094	83	47898	4.593	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	46229	3.902	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	145754	42.071	ug/L #	90
42) Toluene	7.959	91	168638	5.152	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	43475	4.493	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	25325	4.538	ug/L	95
47) Tetrachloroethene	8.544	164	98516	14.839	ug/L	94
48) 2-Hexanone	8.676	43	109882	42.917	ug/L #	93
49) Dibromochloromethane	8.798	129	32356	4.799	ug/L	94
50) 1,2-Dibromoethane	8.914	107	24013	4.478	ug/L #	97
51) Chlorobenzene	9.438	112	90625	4.321	ug/L	97
52) Ethylbenzene	9.560	91	169239	4.612	ug/L	99
53) m,p-Xylene	9.685	106	65106	4.805	ug/L	95
54) o-Xylene	10.090	106	60721	4.608	ug/L	99
55) Styrene	10.106	104	97668	4.496	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	29053	4.473	ug/L #	98
59) Bromoform	10.280	173	19168	4.697	ug/L #	93
60) Isopropylbenzene	10.476	105	164195	4.377	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	22005	4.582	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	138527	4.364	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	140305	4.511	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	75752	4.396	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	75150	4.331	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	71103	4.465	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5321	5.080	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.209	180	56855	4.438	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	45828	4.531	ug/L	99
71) Naphthalene	14.077	128	70266	4.627	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39814	4.464	ug/L	100

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

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