

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060986.D
 Acq On : 23 Sep 2024 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Quant Time: Sep 24 06:12:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	135010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52115	4.452	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.911	69	40869	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	17984	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.634	46	93459	49.737	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.480%
24) Chloroform-d	5.052	84	86087	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.692	65	40672	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.718	84	161018	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	51156	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	150283	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	19355	4.803	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	80589	50.693	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43028	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	49621	4.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48082	4.895	ug/L	97
3) Chloromethane	1.515	50	58596	5.647	ug/L	95
5) Vinyl chloride	1.599	62	60161	5.357	ug/L	97
6) Bromomethane	1.853	94	32631	4.546	ug/L	99
8) Chloroethane	1.930	64	37730	5.499	ug/L	100
9) Trichlorofluoromethane	2.132	101	85785	5.561	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	47018	5.245	ug/L	99
12) 1,1-Dichloroethene	2.573	96	43018	5.255	ug/L	89
13) Acetone	2.657	43	72131	57.538	ug/L	94
14) Carbon disulfide	2.785	76	109681	4.830	ug/L	99
15) Methyl Acetate	2.959	43	19552	6.397	ug/L	96
16) Methylene chloride	3.039	84	54953	5.797	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	103330	5.585	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42600	5.022	ug/L	97
19) 1,1-Dichloroethane	3.862	63	92813	5.450	ug/L	97
21) 2-Butanone	4.714	43	116816	57.243	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	50421	5.371	ug/L	97
23) Bromochloromethane	4.965	128	24412	5.506	ug/L	96
25) Chloroform	5.078	83	100457	5.657	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58436	5.679	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	79566	5.459	ug/L	99
30) Cyclohexane	5.380	56	55967	4.672	ug/L	99
31) Carbon tetrachloride	5.518	117	69796	5.409	ug/L	99
33) Benzene	5.766	78	197037	5.308	ug/L	100
34) Trichloroethene	6.534	95	51078	5.249	ug/L	95
35) Methylcyclohexane	6.756	83	61399	4.599	ug/L	98
37) 1,2-Dichloropropane	6.782	63	58444	5.713	ug/L #	96
38) Bromodichloromethane	7.097	83	70699	5.634	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	66582	4.894	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	283601	59.370	ug/L	100
42) Toluene	7.962	91	213157	5.492	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	62058	5.547	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	43895	5.944	ug/L	97
47) Tetrachloroethene	8.547	164	39553	5.114	ug/L	99
48) 2-Hexanone	8.679	43	211172	60.649	ug/L	99
49) Dibromochloromethane	8.801	129	46799	5.567	ug/L	98
50) 1,2-Dibromoethane	8.917	107	37738	5.726	ug/L #	95
51) Chlorobenzene	9.438	112	134749	5.170	ug/L	99
52) Ethylbenzene	9.563	91	207915	5.088	ug/L	99
53) m,p-Xylene	9.685	106	80183	5.175	ug/L	95
54) o-Xylene	10.094	106	76764	5.021	ug/L	98
55) Styrene	10.106	104	137520	5.336	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	53089	5.764	ug/L	95
59) Bromoform	10.280	173	29214	5.744	ug/L	99
60) Isopropylbenzene	10.476	105	204376	5.110	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37814	6.007	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	151065	4.860	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	153074	4.984	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	104715	5.207	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	102152	4.914	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	99123	5.213	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7051	5.737	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	70354	4.677	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	51248	4.836	ug/L	97
71) Naphthalene	14.081	128	67774	4.849	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	45060	4.922	ug/L	98

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

