

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027620.D
 Acq On : 31 Aug 2022 16:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Quant Time: Sep 01 02:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:33:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154978	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50679	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.564	69	45106	5.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.108	63	103960	4.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	3.889	46	82191	59.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.760%
24) Chloroform-d	4.342	84	122660	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
26) 1,2-Dichloroethane-d4	5.027	65	55905	5.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
32) Benzene-d6	5.047	84	215550	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.066	67	66591	5.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.313	98	197015	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.622	79	22654	5.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.600%
46) 2-Hexanone-d5	8.088	63	95708	69.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.260%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49754	6.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	64836	5.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70088	4.262	ug/L	97
3) Chloromethane	1.240	50	67674	4.713	ug/L	100
5) Vinyl chloride	1.310	62	68497	4.738	ug/L	100
6) Bromomethane	1.519	94	29747	4.161	ug/L	100
8) Chloroethane	1.584	64	42603	5.043	ug/L	94
9) Trichlorofluoromethane	1.751	101	104217	4.538	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	59947	4.624	ug/L	99
12) 1,1-Dichloroethene	2.117	96	49815	4.248	ug/L	99
13) Acetone	2.172	43	54263	41.394	ug/L	99
14) Carbon disulfide	2.291	76	116960	3.634	ug/L	100
15) Methyl Acetate	2.433	43	20405	5.621	ug/L	96
16) Methylene chloride	2.503	84	75754	4.285	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	120632	4.972	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	54021	4.472	ug/L	96
19) 1,1-Dichloroethane	3.185	63	121572	4.861	ug/L	99
21) 2-Butanone	3.976	43	86449	49.553	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	60964	4.735	ug/L	97
23) Bromochloromethane	4.243	128	26684	4.700	ug/L	96
25) Chloroform	4.368	83	135499	4.983	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70126	5.075	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	112026	4.819	ug/L	99
30) Cyclohexane	4.674	56	77862	4.364	ug/L	99
31) Carbon tetrachloride	4.825	117	94605	4.680	ug/L	98
33) Benzene	5.095	78	251408	4.993	ug/L	100
34) Trichloroethene	5.911	95	61400	4.634	ug/L	98
35) Methylcyclohexane	6.127	83	82654	4.435	ug/L	97
37) 1,2-Dichloropropane	6.169	63	69582	5.183	ug/L	98
38) Bromodichloromethane	6.506	83	87587	5.146	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	80558	4.977	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	335311	55.904	ug/L	99
42) Toluene	7.384	91	270063	5.196	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	69727	5.096	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	45132	5.259	ug/L	96
47) Tetrachloroethene	7.972	164	48023	4.652	ug/L	97
48) 2-Hexanone	8.140	43	250738	58.015	ug/L	99
49) Dibromochloromethane	8.243	129	53520	5.071	ug/L	100
50) 1,2-Dibromoethane	8.349	107	37967	5.068	ug/L #	100
51) Chlorobenzene	8.879	112	167483	4.979	ug/L	97
52) Ethylbenzene	9.011	91	264126	4.979	ug/L	99
53) m,p-Xylene	9.136	106	102911	5.069	ug/L	98
54) o-Xylene	9.542	106	98494	5.002	ug/L	99
55) Styrene	9.558	104	178770	5.336	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	51655	5.343	ug/L	99
59) Bromoform	9.728	173	26397	4.826	ug/L	97
60) Isopropylbenzene	9.931	105	270120	5.031	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	38553	5.385	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	69982	4.700	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	199927	4.766	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	136586	5.163	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	132853	5.037	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	120757	5.035	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7117	4.474	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	94911	4.806	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	68264	4.757	ug/L	99
71) Naphthalene	13.500	128	90630	4.575	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59658	4.681	ug/L	98

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

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