

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027575.D
 Acq On : 29 Aug 2022 20:27
 Operator : SY/MD
 Sample : N4402-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MSD

Quant Time: Aug 30 04:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37884	3.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.564	69	38474	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.108	63	95237	4.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.892	46	65039	51.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	4.346	84	80540	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.034	65	40177	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.050	84	159437	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.069	67	50713	4.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.313	98	152981	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.625	79	11054	2.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.400%
46) 2-Hexanone-d5	8.091	63	55508	42.181	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27225	3.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	40781	4.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	54334	3.616	ug/L	99
3) Chloromethane	1.240	50	50918	3.881	ug/L	100
5) Vinyl chloride	1.310	62	51522	3.901	ug/L	96
6) Bromomethane	1.519	94	24773	3.793	ug/L	98
8) Chloroethane	1.584	64	40742	5.278	ug/L	95
9) Trichlorofluoromethane	1.751	101	93144	4.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	51881	4.380	ug/L	96
12) 1,1-Dichloroethene	2.114	96	47972	4.478	ug/L	95
13) Acetone	2.175	43	89392	74.637	ug/L	95
14) Carbon disulfide	2.291	76	114261	3.886	ug/L	99
15) Methyl Acetate	2.439	43	3172	0.956	ug/L #	91
16) Methylene chloride	2.503	84	53245	3.297	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	107420	4.846	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	40415	3.662	ug/L	97
19) 1,1-Dichloroethane	3.185	63	84484	3.697	ug/L	99
21) 2-Butanone	3.973	43	86264	54.120	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	47739	4.059	ug/L	97
23) Bromochloromethane	4.246	128	20885	4.026	ug/L #	81
25) Chloroform	4.371	83	106957	4.305	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	62313	4.936	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	91178	4.097	ug/L	99
30) Cyclohexane	4.674	56	68184	3.991	ug/L	99
31) Carbon tetrachloride	4.825	117	86458	4.467	ug/L	100
33) Benzene	5.098	78	214597	4.452	ug/L	100
34) Trichloroethene	5.912	95	51996	4.099	ug/L	95
35) Methylcyclohexane	6.130	83	67461	3.781	ug/L	98
37) 1,2-Dichloropropane	6.172	63	58374	4.542	ug/L	99
38) Bromodichloromethane	6.510	83	76645	4.704	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	43380	2.799	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	274049	47.726	ug/L	99
42) Toluene	7.387	91	235898	4.741	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	36554	2.790	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	38214	4.651	ug/L	93
47) Tetrachloroethene	7.973	164	75929	7.683	ug/L	99
48) 2-Hexanone	8.140	43	201940	48.806	ug/L	97
49) Dibromochloromethane	8.246	129	46077	4.560	ug/L	97
50) 1,2-Dibromoethane	8.352	107	33638	4.691	ug/L	95
51) Chlorobenzene	8.879	112	140372	4.359	ug/L	98
52) Ethylbenzene	9.011	91	222148	4.374	ug/L	100
53) m,p-Xylene	9.136	106	86137	4.432	ug/L	96
54) o-Xylene	9.542	106	83151	4.411	ug/L	100
55) Styrene	9.561	104	126050	3.930	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	34455	3.723	ug/L	95
59) Bromoform	9.731	173	21591	5.005	ug/L	98
60) Isopropylbenzene	9.931	105	223418	5.276	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	25195	4.462	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	55644	4.738	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	153392	4.636	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	94890	4.548	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	93950	4.517	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	87522	4.627	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5348	4.263	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	66139	4.246	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	50142	4.430	ug/L	98
71) Naphthalene	13.500	128	75827	4.853	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	46564	4.632	ug/L	98

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

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