

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027556.D
 Acq On : 29 Aug 2022 11:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

Quant Time: Aug 29 11:48:45 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	5.613	114	140106	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45838	4.597	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.564	69	44658	6.119	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	122.400%	
11) 1,1-Dichloroethene-d2	2.108	63	102282	4.399	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.000%	
20) 2-Butanone-d5	3.889	46	59024	47.564	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.120%	
24) Chloroform-d	4.343	84	87455	4.386	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.031	65	41715	4.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.047	84	164809	4.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.066	67	46295	4.102	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.310	98	157619	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.622	79	18283	4.731	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.088	63	63391	49.834	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35228	4.901	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55283	4.697	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	61625	4.145	ug/L	98
3) Chloromethane	1.240	50	48695	3.751	ug/L	99
5) Vinyl chloride	1.310	62	59442	4.548	ug/L	97
6) Bromomethane	1.519	94	31904	4.937	ug/L	99
8) Chloroethane	1.584	64	45601	5.971	ug/L	96
9) Trichlorofluoromethane	1.751	101	105738	5.093	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	57710	4.924	ug/L	95
12) 1,1-Dichloroethene	2.118	96	49447	4.664	ug/L	95
13) Acetone	2.172	43	55499	46.831	ug/L	93
14) Carbon disulfide	2.291	76	102202	3.513	ug/L	98
15) Methyl Acetate	2.433	43	12627	3.847	ug/L #	83
16) Methylene chloride	2.503	84	52822	3.305	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	107902	4.920	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	47193	4.321	ug/L	99
19) 1,1-Dichloroethane	3.185	63	100613	4.450	ug/L	99
21) 2-Butanone	3.973	43	67279	42.659	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	53047	4.558	ug/L	92
23) Bromochloromethane	4.246	128	23450	4.569	ug/L #	78
25) Chloroform	4.368	83	113508	4.617	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60237	4.822	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	101106	4.700	ug/L	99
30) Cyclohexane	4.674	56	66312	4.016	ug/L	96
31) Carbon tetrachloride	4.822	117	89481	4.783	ug/L	98
33) Benzene	5.095	78	209976	4.506	ug/L	100
34) Trichloroethene	5.912	95	54218	4.421	ug/L	97
35) Methylcyclohexane	6.127	83	72959	4.230	ug/L	95
37) 1,2-Dichloropropane	6.169	63	50455	4.061	ug/L	99
38) Bromodichloromethane	6.506	83	74352	4.720	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	68841	4.596	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	257678	46.424	ug/L	95
42) Toluene	7.384	91	228871	4.758	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	61072	4.823	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	36519	4.598	ug/L	96
47) Tetrachloroethene	7.973	164	43375	4.540	ug/L	93
48) 2-Hexanone	8.140	43	179806	44.956	ug/L	96
49) Dibromochloromethane	8.243	129	46538	4.765	ug/L	98
50) 1,2-Dibromoethane	8.349	107	33962	4.899	ug/L #	95
51) Chlorobenzene	8.879	112	152294	4.892	ug/L	99
52) Ethylbenzene	9.011	91	240801	4.905	ug/L	99
53) m,p-Xylene	9.137	106	98045	5.219	ug/L	96
54) o-Xylene	9.542	106	96692	5.306	ug/L	98
55) Styrene	9.558	104	167857	5.414	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44483	4.972	ug/L #	99
59) Bromoform	9.728	173	27546	5.177	ug/L	99
60) Isopropylbenzene	9.927	105	258970	4.958	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31234	4.485	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	70658	4.878	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	207876	5.094	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	131541	5.111	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	130964	5.104	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	117516	5.036	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6990	4.517	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	99527	5.181	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	71789	5.142	ug/L	98
71) Naphthalene	13.500	128	96033	4.983	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62772	5.063	ug/L	98

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

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