

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
 Data File : VV028375.D
 Acq On : 05 Oct 2022 17:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Quant Time: Oct 06 02:33:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	207587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	115550	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59501	3.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.568	69	57237	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.108	63	125268	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.921	46	170177	64.483	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.960%
24) Chloroform-d	4.349	84	138305	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	64245	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.050	84	265714	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.066	67	81784	5.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.313	98	248177	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.622	79	28955	4.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.091	63	147936	58.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.940%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	65155	5.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	90377	4.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	83866	5.022	ug/L	92
3) Chloromethane	1.240	50	80558	5.091	ug/L	97
5) Vinyl chloride	1.310	62	91991	5.163	ug/L	99
6) Bromomethane	1.519	94	36001	4.254	ug/L	96
8) Chloroethane	1.584	64	75169	6.330	ug/L	89
9) Trichlorofluoromethane	1.751	101	133676	4.993	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	74999	5.008	ug/L	96
12) 1,1-Dichloroethene	2.117	96	74369	4.994	ug/L #	74
13) Acetone	2.217	43	100485	57.985	ug/L	62
14) Carbon disulfide	2.294	76	226062	4.873	ug/L	99
15) Methyl Acetate	2.445	43	24184	5.127	ug/L #	84
16) Methylene chloride	2.506	84	87961	5.248	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	158109	5.171	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	80440	5.187	ug/L	94
19) 1,1-Dichloroethane	3.188	63	146260	5.537	ug/L	98
21) 2-Butanone	4.002	43	150989	57.394	ug/L	91
22) cis-1,2-Dichloroethene	3.911	96	83237	5.329	ug/L	98
23) Bromochloromethane	4.249	128	37713	5.452	ug/L	90
25) Chloroform	4.375	83	150115	5.182	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	79517	5.124	ug/L #	93
29) 1,1,1-Trichloroethane	4.606	97	130299	5.122	ug/L	97
30) Cyclohexane	4.677	56	115265	5.259	ug/L	93
31) Carbon tetrachloride	4.828	117	111798	4.899	ug/L	100
33) Benzene	5.098	78	324452	5.285	ug/L	100
34) Trichloroethene	5.911	95	81362	5.293	ug/L	94
35) Methylcyclohexane	6.130	83	124789	4.972	ug/L	96
37) 1,2-Dichloropropane	6.172	63	80698	5.675	ug/L	99
38) Bromodichloromethane	6.509	83	100659	5.133	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	102122	5.032	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	398516	61.002	ug/L	96
42) Toluene	7.387	91	352992	5.464	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85616	4.965	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	56474	5.355	ug/L	99
47) Tetrachloroethene	7.972	164	69746	5.191	ug/L	96
48) 2-Hexanone	8.140	43	295976	64.687	ug/L	96
49) Dibromochloromethane	8.242	129	67495	5.056	ug/L	100
50) 1,2-Dibromoethane	8.352	107	52851	5.569	ug/L	99
51) Chlorobenzene	8.879	112	224937	5.236	ug/L	97
52) Ethylbenzene	9.011	91	350299	5.160	ug/L	99
53) m,p-Xylene	9.136	106	141304	5.221	ug/L	96
54) o-Xylene	9.541	106	133245	5.205	ug/L	98
55) Styrene	9.558	104	237915	5.408	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	68347	5.712	ug/L	99
59) Bromoform	9.728	173	36873	4.845	ug/L	98
60) Isopropylbenzene	9.927	105	350729	4.961	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	47493	5.327	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	94101	4.684	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	267055	4.690	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	181608	5.229	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	183797	5.285	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	167198	5.307	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.422	75	9513	4.684	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	135217	4.922	ug/L	98
70) 1,2,4-trichlorobenzene	13.255	180	107027	5.112	ug/L	99
71) Naphthalene	13.496	128	142451	4.356	ug/L	99
72) 1,2,3-Trichlorobenzene	13.737	180	92864	4.920	ug/L	100

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

