

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
 Data File : VV028111.D
 Acq On : 26 Sep 2022 10:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005303

Quant Time: Sep 26 21:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	181790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	182601	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	79170	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.561	69	70054	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.098	63	135995	4.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.902	46	168231	52.873	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.740%
24) Chloroform-d	4.336	84	150455	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.024	65	69998	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.040	84	269129	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.063	67	84748	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.307	98	240979	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.616	79	32273	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.085	63	146549	52.077	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65726	5.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	89634	4.477	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	71333	5.254	ug/L	93
3) Chloromethane	1.237	50	66500	3.698	ug/L	98
5) Vinyl chloride	1.304	62	73390	5.206	ug/L	99
6) Bromomethane	1.516	94	45639	4.971	ug/L	98
8) Chloroethane	1.577	64	46783	4.949	ug/L	99
9) Trichlorofluoromethane	1.745	101	117124	5.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	67515	5.234	ug/L	99
12) 1,1-Dichloroethene	2.108	96	59499	4.736	ug/L	93
13) Acetone	2.201	43	96575	39.405	ug/L	62
14) Carbon disulfide	2.285	76	117668	4.881	ug/L	99
15) Methyl Acetate	2.439	43	22481	4.725	ug/L	94
16) Methylene chloride	2.497	84	68864	4.910	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	133217	4.929	ug/L	99
18) trans-1,2-Dichloroethene	2.748	96	56123	5.103	ug/L	95
19) 1,1-Dichloroethane	3.179	63	126260	5.263	ug/L	99
21) 2-Butanone	3.992	43	137740	45.396	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	65028	4.506	ug/L	98
23) Bromochloromethane	4.240	128	31058	5.375	ug/L	87
25) Chloroform	4.365	83	131847	5.122	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	71028	5.174	ug/L	97
29) 1,1,1-Trichloroethane	4.597	97	114164	5.088	ug/L	98
30) Cyclohexane	4.667	56	75472	4.651	ug/L	95
31) Carbon tetrachloride	4.818	117	95611	5.179	ug/L	99
33) Benzene	5.088	78	256546	5.059	ug/L	100
34) Trichloroethene	5.905	95	63035	4.994	ug/L	97
35) Methylcyclohexane	6.121	83	83688	4.835	ug/L	98
37) 1,2-Dichloropropane	6.166	63	68754	4.837	ug/L	98
38) Bromodichloromethane	6.503	83	91120	5.192	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	81796	4.633	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	363450	52.651	ug/L	100
42) Toluene	7.381	91	280070	5.295	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	77645	5.113	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	49631	5.209	ug/L	99
47) Tetrachloroethene	7.969	164	50500	5.012	ug/L	97
48) 2-Hexanone	8.137	43	275222	52.520	ug/L	98
49) Dibromochloromethane	8.239	129	59167	5.164	ug/L	98
50) 1,2-Dibromoethane	8.346	107	42885	5.179	ug/L	97
51) Chlorobenzene	8.876	112	181486	5.116	ug/L	100
52) Ethylbenzene	9.008	91	278536	4.978	ug/L	98
53) m,p-Xylene	9.133	106	109773	5.119	ug/L	98
54) o-Xylene	9.538	106	106487	5.029	ug/L	99
55) Styrene	9.555	104	196843	5.364	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	59756	5.382	ug/L	100
59) Bromoform	9.728	173	32872	5.072	ug/L	98
60) Isopropylbenzene	9.924	105	290297	4.845	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	41857	4.889	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	76233	4.517	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	219909	4.661	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	151373	5.077	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	150256	5.037	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	139743	4.962	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	9090	4.844	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	117737	4.989	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	90664	4.804	ug/L	99
71) Naphthalene	13.497	128	133513	4.320	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	81960	4.801	ug/L	100

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

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