

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028192.D
 Acq On : 29 Sep 2022 17:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Quant Time: Sep 30 01:49:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	161492	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	76227	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.561	69	60443	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.102	63	124595	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.889	46	133187	47.120	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.240%
24) Chloroform-d	4.343	84	133392	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	61038	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.044	84	262511	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	6.066	67	75365	5.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.310	98	246966	5.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	7.619	79	27420	5.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.085	63	108020	47.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51367	5.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	78715	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	59135	4.903	ug/L	93
3) Chloromethane	1.237	50	49923	3.125	ug/L	98
5) Vinyl chloride	1.304	62	63371	5.060	ug/L	99
6) Bromomethane	1.516	94	38231	4.688	ug/L	99
8) Chloroethane	1.581	64	40355	4.805	ug/L	96
9) Trichlorofluoromethane	1.745	101	102396	5.150	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	60034	5.239	ug/L	96
12) 1,1-Dichloroethene	2.111	96	51052	4.574	ug/L	90
13) Acetone	2.182	43	83062	38.152	ug/L	97
14) Carbon disulfide	2.285	76	96920	4.525	ug/L	100
15) Methyl Acetate	2.436	43	20293	4.802	ug/L #	88
16) Methylene chloride	2.500	84	67493	5.417	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	123600	5.148	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	49819	5.099	ug/L	96
19) 1,1-Dichloroethane	3.182	63	109641	5.144	ug/L	100
21) 2-Butanone	3.973	43	124278	46.107	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	64046	4.996	ug/L	94
23) Bromochloromethane	4.243	128	28032	5.461	ug/L #	87
25) Chloroform	4.368	83	120294	5.260	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60167	4.934	ug/L #	94
29) 1,1,1-Trichloroethane	4.600	97	101605	5.657	ug/L	97
30) Cyclohexane	4.671	56	63423	4.882	ug/L	90
31) Carbon tetrachloride	4.822	117	86564	5.856	ug/L	99
33) Benzene	5.092	78	230124	5.669	ug/L	100
34) Trichloroethene	5.912	95	57013	5.642	ug/L	95
35) Methylcyclohexane	6.127	83	75334	5.436	ug/L	91
37) 1,2-Dichloropropane	6.169	63	58734	5.161	ug/L	98
38) Bromodichloromethane	6.506	83	78404	5.580	ug/L #	96
39) cis-1,3-Dichloropropene	7.024	75	75777	5.361	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	292664	52.958	ug/L	95
42) Toluene	7.384	91	240389	5.677	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	64399	5.297	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	43768	5.738	ug/L	97
47) Tetrachloroethene	7.973	164	45984	5.701	ug/L	95
48) 2-Hexanone	8.137	43	198069	47.212	ug/L	96
49) Dibromochloromethane	8.243	129	50798	5.538	ug/L	95
50) 1,2-Dibromoethane	8.352	107	35687	5.383	ug/L	100
51) Chlorobenzene	8.879	112	149389	5.260	ug/L	95
52) Ethylbenzene	9.008	91	225952	5.044	ug/L	97
53) m,p-Xylene	9.137	106	91704	5.342	ug/L	96
54) o-Xylene	9.542	106	86706	5.114	ug/L	96
55) Styrene	9.558	104	154104	5.246	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	45343	5.101	ug/L	98
59) Bromoform	9.728	173	26692	5.165	ug/L	99
60) Isopropylbenzene	9.928	105	244279	5.112	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	32189	4.715	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	64983	4.828	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	183570	4.879	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	131812	5.544	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	125897	5.292	ug/L	95
67) 1,2-Dichlorobenzene	11.638	146	117861	5.248	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	6749	4.510	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	98752	5.248	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	80803	5.369	ug/L	99
71) Naphthalene	13.497	128	113910	4.622	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	68842	5.057	ug/L	99

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

