

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024028.D
 Acq On : 16 Dec 2021 21:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005397

Quant Time: Dec 17 02:04:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	105206	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25153	4.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.568	69	21406	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.108	63	56318	5.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	3.902	46	49923	45.180	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.360%
24) Chloroform-d	4.349	84	60318	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	28657	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.050	84	109434	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.072	67	30981	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	109882	5.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
43) trans-1,3-Dichloroprop...	7.625	79	12624	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.092	63	53438	44.932	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23980	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	41997	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	43301	4.729	ug/L	98
3) Chloromethane	1.240	50	37087	4.740	ug/L	97
5) Vinyl chloride	1.307	62	41014	4.833	ug/L	99
6) Bromomethane	1.519	94	26690	4.950	ug/L	100
8) Chloroethane	1.584	64	26151	4.736	ug/L	98
9) Trichlorofluoromethane	1.751	101	76073	5.159	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39004	5.022	ug/L	99
12) 1,1-Dichloroethene	2.118	96	35717	5.060	ug/L	93
13) Acetone	2.195	43	51067	57.767	ug/L	79
14) Carbon disulfide	2.291	76	92613	4.523	ug/L	99
15) Methyl Acetate	2.439	43	13357	6.234	ug/L	99
16) Methylene chloride	2.507	84	43119	4.669	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	89326	5.596	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	38094	4.875	ug/L	95
19) 1,1-Dichloroethane	3.188	63	70701	5.042	ug/L	99
21) 2-Butanone	3.986	43	70994	56.207	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	43573	5.268	ug/L	100
23) Bromochloromethane	4.249	128	20791	5.532	ug/L	96
25) Chloroform	4.378	83	80663	5.174	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	46699	5.529	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	76675	5.469	ug/L	98
30) Cyclohexane	4.677	56	53282	4.791	ug/L	98
31) Carbon tetrachloride	4.828	117	68433	5.192	ug/L	99
33) Benzene	5.098	78	157549	5.197	ug/L	100
34) Trichloroethene	5.915	95	43136	5.044	ug/L	98
35) Methylcyclohexane	6.130	83	59211	4.705	ug/L	98
37) 1,2-Dichloropropane	6.172	63	38674	5.367	ug/L	99
38) Bromodichloromethane	6.510	83	53700	5.261	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	49697	4.646	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	215316	62.204	ug/L	98
42) Toluene	7.387	91	181493	5.319	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	46869	5.069	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	30009	5.629	ug/L	97
47) Tetrachloroethene	7.976	164	38013	5.049	ug/L	99
48) 2-Hexanone	8.140	43	152481	60.752	ug/L	99
49) Dibromochloromethane	8.246	129	38660	5.330	ug/L	97
50) 1,2-Dibromoethane	8.352	107	27094	5.474	ug/L	97
51) Chlorobenzene	8.883	112	117803	5.166	ug/L	97
52) Ethylbenzene	9.011	91	187384	5.205	ug/L	99
53) m,p-xylene	9.137	106	74643	5.243	ug/L	98
54) o-xylene	9.545	106	72703	5.280	ug/L	95
55) Styrene	9.561	104	126087	5.501	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	31374	5.374	ug/L #	96
59) Bromoform	9.731	173	21007	5.097	ug/L	99
60) Isopropylbenzene	9.931	105	197916	5.250	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	22778	5.207	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	162974	5.211	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	163569	5.250	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100473	5.211	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	99363	5.131	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	93747	5.307	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5042	5.277	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	77701	4.900	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	62244	4.997	ug/L	99
71) Naphthalene	13.503	128	94230	5.264	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	56821	5.167	ug/L	99

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

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