

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VV033269.D
 Acq On : 13 Dec 2023 09:50
 Operator : SY/MD
 Sample : VSTD0.516
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5216

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2023
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 23:00:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 22:59:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	139047	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	133335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69490	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4264	0.379	ug/L	0.00
7) Chloroethane-d5	1.532	69	3309	0.314	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	1685	0.338	ug/L	0.00
20) 2-Butanone-d5	3.873	46	3739m	2.502	ug/L	0.04
24) Chloroform-d	4.256	84	7944	0.394	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	3237	0.362	ug/L	0.02
32) Benzene-d6	4.966	84	14292	0.409	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	3248	0.341	ug/L	0.00
41) Toluene-d8	7.249	98	13403	0.403	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1324	0.344	ug/L	0.02
46) 2-Hexanone-d5	8.047	63	3285	2.577	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.159	84	2081	0.299	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	5495	0.449	ug/L	0.00

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	8454	0.530	ug/L	99
3) Chloromethane	1.214	50	5466	0.388	ug/L	95
5) Vinyl chloride	1.282	62	5036	0.370	ug/L	99
6) Bromomethane	1.487	94	3466	0.359	ug/L	85
8) Chloroethane	1.548	64	3479	0.352	ug/L	97
9) Trichlorofluoromethane	1.716	101	9350	0.427	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	4417	0.369	ug/L	94
12) 1,1-Dichloroethene	2.069	96	3895	0.350	ug/L	89
13) Acetone	2.156	43	3369m	2.468	ug/L	
14) Carbon disulfide	2.240	76	13108	0.400	ug/L	96
15) Methyl Acetate	2.404	43	743	0.246	ug/L	98
16) Methylene chloride	2.449	84	5497	0.410	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	7624	0.394	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	4818	0.439	ug/L	90
19) 1,1-Dichloroethane	3.117	63	7720	0.405	ug/L	94
21) 2-Butanone	3.966	43	4573m	2.702	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	4504	0.396	ug/L	89
23) Bromochloromethane	4.150	128	1925m	0.374	ug/L	
27) 1,2-Dichloroethane	5.056	62	4418	0.386	ug/L #	72
29) 1,1,1-Trichloroethane	4.506	97	8947	0.480	ug/L	98
30) Cyclohexane	4.580	56	5399	0.421	ug/L	93
31) Carbon tetrachloride	4.735	117	8506	0.519	ug/L	97
33) Benzene	5.014	78	16870	0.435	ug/L	100
34) Trichloroethene	5.841	95	4927	0.452	ug/L	95
35) Methylcyclohexane	6.053	83	7265	0.491	ug/L	94
37) 1,2-Dichloropropane	6.095	63	3574	0.386	ug/L #	91
38) Bromodichloromethane	6.439	83	5310	0.399	ug/L #	99
39) cis-1,3-Dichloropropene	6.963	75	4697	0.352	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	9911	2.747	ug/L	98
42) Toluene	7.320	91	18462	0.429	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	3920	0.363	ug/L	93
45) 1,1,2-Trichloroethane	7.776	97	2584	0.380	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) Tetrachloroethene	7.908	164	4854	0.515	ug/L	93	
49) Dibromochloromethane	8.182	129	3454	0.409	ug/L	76	
50) 1,2-Dibromoethane	8.294	107	2026	0.312	ug/L #	99	
51) Chlorobenzene	8.815	112	13204	0.455	ug/L	97	
52) Ethylbenzene	8.950	91	20048	0.441	ug/L	100	
53) m,p-Xylene	9.079	106	8606	0.480	ug/L	87	
54) o-Xylene	9.481	106	7941	0.470	ug/L	93	
55) Styrene	9.503	104	11705	0.405	ug/L	94	
57) 1,1,2,2-Tetrachloroethane	10.185	83	2515	0.339	ug/L #	94	
59) Bromoform	9.670	173	1904	0.429	ug/L	96	
60) Isopropylbenzene	9.866	105	21216	0.481	ug/L	99	
61) 1,2,3-Trichloropropane	10.217	75	1871	0.387	ug/L	91	
62) 1,3,5-Trimethylbenzene	10.477	105	16982	0.484	ug/L	100	
63) 1,2,4-Trimethylbenzene	10.853	105	15321	0.436	ug/L	91	
64) 1,3-Dichlorobenzene	11.124	146	11123	0.476	ug/L	98	
65) 1,4-Dichlorobenzene	11.210	146	11691	0.492	ug/L	98	
67) 1,2-Dichlorobenzene	11.583	146	9470	0.460	ug/L	96	
68) 1,2-Dibromo-3-chloropr...	12.368	75	325	0.273	ug/L #	66	
69) 1,3,5-Trichlorobenzene	12.587	180	8890	0.502	ug/L	99	
70) 1,2,4-trichlorobenzene	13.201	180	6728	0.471	ug/L	96	
71) Naphthalene	13.445	128	7400	0.390	ug/L	97	
72) 1,2,3-Trichlorobenzene	13.686	180	5004	0.413	ug/L	94	

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

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