

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038014.D
 Acq On : 12 Nov 2024 12:00
 Operator : SY/MD
 Sample : VSTD0.509
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5209

Quant Time: Nov 12 23:59:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/13/2024
 Supervised By :Semsettin Yesilyurt 11/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	275332	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	281016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	137041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	12378	0.516	ug/L	0.00
7) Chloroethane-d5	1.529	69	9796	0.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	5767	0.549	ug/L	0.00
20) 2-Butanone-d5	3.873	46	20797m	3.978	ug/L	0.06
24) Chloroform-d	4.243	84	21569	0.477	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	9581	0.447	ug/L	0.02
32) Benzene-d6	4.960	84	38558	0.444	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	14096	0.502	ug/L	0.00
41) Toluene-d8	7.243	98	33038	0.416	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	4746m	0.453	ug/L	0.03
46) 2-Hexanone-d5	8.037	63	16301m	3.428	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	9882	0.439	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	13631	0.478	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	15512	0.517	ug/L	99
3) Chloromethane	1.211	50	14241	0.511	ug/L	99
5) Vinyl chloride	1.278	62	14266	0.510	ug/L	95
6) Bromomethane	1.484	94	9439	0.530	ug/L	95
8) Chloroethane	1.545	64	8680	0.512	ug/L	99
9) Trichlorofluoromethane	1.709	101	19499	0.505	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11524	0.517	ug/L	99
12) 1,1-Dichloroethene	2.063	96	10682	0.510	ug/L	89
13) Acetone	2.134	43	23725	6.044	ug/L	96
14) Carbon disulfide	2.233	76	34298	0.500	ug/L #	94
15) Methyl Acetate	2.394	43	3679m	0.457	ug/L	
16) Methylene chloride	2.439	84	13992	0.564	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	22024	0.432	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	11020	0.487	ug/L	99
19) 1,1-Dichloroethane	3.108	63	19837	0.488	ug/L #	89
21) 2-Butanone	3.950	43	24336m	5.001	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	11048	0.464	ug/L	97
23) Bromochloromethane	4.156	128	4881	0.446	ug/L	89
25) Chloroform	4.278	83	21124	0.492	ug/L	94
27) 1,2-Dichloroethane	5.050	62	10989	0.455	ug/L #	94
29) 1,1,1-Trichloroethane	4.503	97	18250	0.481	ug/L	97
30) Cyclohexane	4.571	56	14777	0.440	ug/L	98
31) Carbon tetrachloride	4.725	117	15806	0.478	ug/L	97
33) Benzene	5.011	78	39238	0.439	ug/L	100
34) Trichloroethene	5.838	95	11663	0.477	ug/L	89
35) Methylcyclohexane	6.040	83	16994	0.461	ug/L	93
37) 1,2-Dichloropropane	6.095	63	10312	0.466	ug/L	98
38) Bromodichloromethane	6.432	83	13185	0.449	ug/L	96
39) cis-1,3-Dichloropropene	6.966	75	13336	0.405	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	49289m	4.100	ug/L	
42) Toluene	7.317	91	38883	0.416	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	11228	0.408	ug/L	98

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45) 1,1,2-Trichloroethane	7.770	97	7865	0.443	ug/L	96
47) Tetrachloroethene	7.899	164	8916	0.465	ug/L	92
48) 2-Hexanone	8.088	43	34032m	4.121	ug/L	
49) Dibromochloromethane	8.175	129	8756	0.458	ug/L	100
50) 1,2-Dibromoethane	8.284	107	7317	0.435	ug/L #	95
51) Chlorobenzene	8.812	112	29566	0.465	ug/L	98
52) Ethylbenzene	8.944	91	41779	0.412	ug/L	95
53) m,p-Xylene	9.072	106	15089	0.395	ug/L	99
54) o-Xylene	9.474	106	14529	0.393	ug/L	97
55) Styrene	9.500	104	25113	0.390	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.172	83	9248	0.437	ug/L #	89
59) Bromoform	9.667	173	4006	0.445	ug/L #	93
60) Isopropylbenzene	9.860	105	39504	0.432	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	6568	0.491	ug/L #	95
62) 1,3,5-Trimethylbenzene	10.471	105	30952	0.423	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	29256	0.399	ug/L	93
64) 1,3-Dichlorobenzene	11.117	146	22544	0.478	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	24197	0.499	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	20943	0.475	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	1284	0.423	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.577	180	18050	0.520	ug/L	97
70) 1,2,4-trichlorobenzene	13.194	180	15003	0.487	ug/L	94
71) Naphthalene	13.439	128	28127	0.502	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	14517	0.500	ug/L	96

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

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