

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037878.D
 Acq On : 16 Oct 2024 16:36
 Operator : SY/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5201

Quant Time: Oct 17 01:59:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	286964	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	307389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	8588	0.343	ug/L	0.00
7) Chloroethane-d5	1.529	69	7458	0.373	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	4150	0.382	ug/L	0.00
20) 2-Butanone-d5	3.924	46	16763m	3.738	ug/L	0.11
24) Chloroform-d	4.249	84	16979	0.410	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	8937m	0.457	ug/L	0.02
32) Benzene-d6	4.969	84	30193	0.354	ug/L	0.02
36) 1,2-Dichloropropane-d6	5.995	67	8840	0.336	ug/L	0.01
41) Toluene-d8	7.246	98	26208	0.342	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	3392m	0.359	ug/L	0.03
46) 2-Hexanone-d5	8.056	63	10512m	2.632	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.152	84	7804	0.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	11439	0.445	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	15204	0.560	ug/L	99
3) Chloromethane	1.214	50	14665	0.475	ug/L	99
5) Vinyl chloride	1.278	62	15322	0.503	ug/L	96
6) Bromomethane	1.484	94	10463	0.590	ug/L	95
8) Chloroethane	1.545	64	8982	0.480	ug/L	99
9) Trichlorofluoromethane	1.709	101	19939	0.540	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11714	0.523	ug/L	97
12) 1,1-Dichloroethene	2.063	96	10713	0.496	ug/L	92
13) Acetone	2.156	43	18627m	5.849	ug/L	
14) Carbon disulfide	2.233	76	37286	0.542	ug/L	98
15) Methyl Acetate	2.400	43	5048m	0.612	ug/L	
16) Methylene chloride	2.442	84	13922	0.513	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	21813	0.445	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	11922	0.533	ug/L	99
19) 1,1-Dichloroethane	3.104	63	20446	0.466	ug/L	96
21) 2-Butanone	3.973	43	24859m	4.877	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	11301	0.489	ug/L	94
23) Bromochloromethane	4.153	128	5737m	0.548	ug/L	
25) Chloroform	4.268	83	21596	0.498	ug/L	95
27) 1,2-Dichloroethane	5.066	62	11566	0.458	ug/L #	93
29) 1,1,1-Trichloroethane	4.506	97	18573	0.485	ug/L	95
30) Cyclohexane	4.571	56	15096	0.424	ug/L	93
31) Carbon tetrachloride	4.728	117	15645	0.475	ug/L	98
33) Benzene	5.011	78	42166	0.442	ug/L	100
34) Trichloroethene	5.838	95	11106	0.442	ug/L	92
35) Methylcyclohexane	6.040	83	16598	0.446	ug/L	98
37) 1,2-Dichloropropane	6.098	63	10944	0.442	ug/L #	90
38) Bromodichloromethane	6.439	83	13874	0.453	ug/L	93
39) cis-1,3-Dichloropropene	6.969	75	13966m	0.418	ug/L	
40) 4-Methyl-2-pentanone	7.169	43	50323m	3.841	ug/L	
42) Toluene	7.320	91	39306	0.398	ug/L	97
44) trans-1,3-Dichloropropene	7.599	75	11017m	0.405	ug/L	

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

45) 1,1,2-Trichloroethane	7.776	97	7656m	0.436	ug/L	
47) Tetrachloroethene	7.905	164	9149	0.460	ug/L	95
48) 2-Hexanone	8.095	43	35101m	3.635	ug/L	
49) Dibromochloromethane	8.175	129	8363	0.451	ug/L	99
50) 1,2-Dibromoethane	8.288	107	7258	0.437	ug/L #	99
51) Chlorobenzene	8.812	112	29633	0.455	ug/L	93
52) Ethylbenzene	8.947	91	45073	0.423	ug/L	99
53) m,p-Xylene	9.075	106	15156	0.383	ug/L	100
54) o-Xylene	9.477	106	15436	0.405	ug/L	99
55) Styrene	9.503	104	24723m	0.384	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.178	83	8970	0.418	ug/L	96
59) Bromoform	9.667	173	4172	0.472	ug/L	91
60) Isopropylbenzene	9.863	105	40557	0.436	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	6397	0.447	ug/L #	94
62) 1,3,5-Trimethylbenzene	10.474	105	30539	0.407	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	29946	0.405	ug/L	97
64) 1,3-Dichlorobenzene	11.120	146	22719	0.483	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	24429	0.495	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	21950	0.503	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	1125	0.392	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	17013	0.483	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	12769	0.430	ug/L	98
71) Naphthalene	13.445	128	19486	0.441	ug/L	97
72) 1,2,3-Trichlorobenzene	13.676	180	11011	0.421	ug/L	95

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

