

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037876.D
 Acq On : 16 Oct 2024 14:03
 Operator : SY/MD
 Sample : VSTD0.579
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5279

Quant Time: Oct 17 01:58:53 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	304373	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	314642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	151787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	28217	1.063	ug/L	0.00
7) Chloroethane-d5	1.529	69	23990	1.130	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	13548	1.176	ug/L	0.00
20) 2-Butanone-d5	3.873	46	50477m	10.613	ug/L	0.06
24) Chloroform-d	4.246	84	59691	1.359	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	23691	1.141	ug/L	0.00
32) Benzene-d6	4.957	84	109684	1.258	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	36411	1.352	ug/L	0.00
41) Toluene-d8	7.243	98	94174	1.200	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	10522	1.088	ug/L	0.02
46) 2-Hexanone-d5	8.037	63	42551	10.407	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.149	84	28083	1.335	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	38596	1.448	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	12525	0.435	ug/L	99
3) Chloromethane	1.214	50	15063	0.460	ug/L	98
5) Vinyl chloride	1.278	62	13736	0.425	ug/L	94
6) Bromomethane	1.484	94	10857	0.577	ug/L	96
8) Chloroethane	1.545	64	8694	0.438	ug/L	93
9) Trichlorofluoromethane	1.709	101	17075	0.436	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9773	0.411	ug/L	95
12) 1,1-Dichloroethene	2.063	96	11512	0.502	ug/L #	55
13) Acetone	2.162	43	19702m	5.832	ug/L	
14) Carbon disulfide	2.233	76	35714	0.489	ug/L	99
15) Methyl Acetate	2.413	43	4919m	0.563	ug/L	
16) Methylene chloride	2.442	84	13809	0.480	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	25030	0.481	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	12095	0.510	ug/L	97
19) 1,1-Dichloroethane	3.108	63	21325	0.458	ug/L	98
21) 2-Butanone	3.973	43	23732m	4.390	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	11142	0.455	ug/L	96
23) Bromochloromethane	4.156	128	5647	0.508	ug/L	93
25) Chloroform	4.275	83	23120	0.503	ug/L	99
27) 1,2-Dichloroethane	5.066	62	9952	0.371	ug/L #	93
29) 1,1,1-Trichloroethane	4.506	97	18129	0.463	ug/L	99
30) Cyclohexane	4.571	56	13349	0.366	ug/L	98
31) Carbon tetrachloride	4.731	117	14272	0.423	ug/L	99
33) Benzene	5.014	78	40962	0.419	ug/L	100
34) Trichloroethene	5.844	95	11754	0.457	ug/L	97
35) Methylcyclohexane	6.043	83	13613	0.357	ug/L	96
37) 1,2-Dichloropropane	6.098	63	9428	0.372	ug/L #	96
38) Bromodichloromethane	6.436	83	14041	0.448	ug/L	94
39) cis-1,3-Dichloropropene	6.973	75	14187m	0.415	ug/L	
40) 4-Methyl-2-pentanone	7.169	43	52703m	3.929	ug/L	
42) Toluene	7.317	91	42741	0.422	ug/L	99
44) trans-1,3-Dichloropropene	7.603	75	11680	0.420	ug/L	92

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45) 1,1,2-Trichloroethane	7.776	97	8483	0.472	ug/L	93
47) Tetrachloroethene	7.905	164	7539	0.370	ug/L	85
48) 2-Hexanone	8.091	43	47009m	4.756	ug/L	
49) Dibromochloromethane	8.172	129	8926	0.470	ug/L	96
50) 1,2-Dibromoethane	8.288	107	7944	0.467	ug/L #	88
51) Chlorobenzene	8.815	112	32106	0.482	ug/L	99
52) Ethylbenzene	8.947	91	43955	0.403	ug/L	93
53) m,p-Xylene	9.079	106	15173	0.375	ug/L	92
54) o-Xylene	9.477	106	15465	0.397	ug/L	90
55) Styrene	9.503	104	24800	0.376	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	10732	0.489	ug/L	99
59) Bromoform	9.664	173	4187	0.457	ug/L	93
60) Isopropylbenzene	9.863	105	39150	0.406	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	7218	0.486	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.474	105	27707	0.356	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	27737	0.361	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	23887	0.489	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	24223	0.473	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	22521	0.497	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.381	75	1324	0.444	ug/L #	55
69) 1,3,5-Trichlorobenzene	12.583	180	15755	0.431	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	13914	0.452	ug/L	97
71) Naphthalene	13.445	128	32623	0.711	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.680	180	13067	0.481	ug/L	98

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

