

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035600.D
 Acq On : 14 May 2024 09:45
 Operator : SY/MD
 Sample : VSTD0.558
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

Quant Time: May 15 02:01:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	203735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	209362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	94094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	6450	0.365	ug/L	0.00
7) Chloroethane-d5	1.529	69	5863	0.416	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	2966	0.391	ug/L	0.00
20) 2-Butanone-d5	3.915	46	11873m	3.813	ug/L	0.08
24) Chloroform-d	4.256	84	12788	0.441	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.969	65	5823m	0.425	ug/L	0.03
32) Benzene-d6	4.966	84	21113	0.374	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	6677	0.377	ug/L	0.00
41) Toluene-d8	7.249	98	16139	0.319	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	1933	0.308	ug/L	0.02
46) 2-Hexanone-d5	8.056	63	7288m	2.744	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.156	84	5524	0.403	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	7122	0.443	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	8713	0.471	ug/L	93
3) Chloromethane	1.214	50	10889	0.504	ug/L	97
5) Vinyl chloride	1.282	62	9597	0.451	ug/L	97
6) Bromomethane	1.487	94	7233	0.576	ug/L	94
8) Chloroethane	1.545	64	6706	0.510	ug/L	96
9) Trichlorofluoromethane	1.709	101	12881	0.504	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8132	0.515	ug/L	96
12) 1,1-Dichloroethene	2.066	96	8138	0.539	ug/L	88
13) Acetone	2.150	43	13644m	6.191	ug/L	
14) Carbon disulfide	2.236	76	20872	0.446	ug/L #	94
15) Methyl Acetate	2.397	43	2726	0.481	ug/L #	72
16) Methylene chloride	2.442	84	14378	0.755	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	15496	0.449	ug/L #	96
18) trans-1,2-Dichloroethene	2.693	96	7903	0.510	ug/L	98
19) 1,1-Dichloroethane	3.111	63	15641	0.503	ug/L	98
21) 2-Butanone	3.979	43	14614m	4.183	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	7224	0.451	ug/L	93
23) Bromochloromethane	4.159	128	3723	0.504	ug/L	95
25) Chloroform	4.278	83	16605	0.541	ug/L	92
27) 1,2-Dichloroethane	5.056	62	9069	0.507	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	13763	0.533	ug/L	97
30) Cyclohexane	4.580	56	8037	0.344	ug/L	98
31) Carbon tetrachloride	4.728	117	11954	0.539	ug/L	96
33) Benzene	5.018	78	27496	0.431	ug/L	100
34) Trichloroethene	5.844	95	8420	0.498	ug/L	95
35) Methylcyclohexane	6.047	83	9870	0.402	ug/L	95
37) 1,2-Dichloropropane	6.098	63	7229	0.430	ug/L #	96
38) Bromodichloromethane	6.439	83	10811	0.520	ug/L #	95
39) cis-1,3-Dichloropropene	6.969	75	9138m	0.412	ug/L	
40) 4-Methyl-2-pentanone	7.172	43	28197	3.235	ug/L	92
42) Toluene	7.323	91	24882	0.376	ug/L	98
44) trans-1,3-Dichloropropene	7.600	75	7042	0.386	ug/L	86

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45) 1,1,2-Trichloroethane	7.776	97	6103	0.510	ug/L	97
47) Tetrachloroethene	7.905	164	6838	0.508	ug/L	98
48) 2-Hexanone	8.095	43	20380m	3.157	ug/L	
49) Dibromochloromethane	8.178	129	6373	0.506	ug/L	93
50) 1,2-Dibromoethane	8.288	107	5637	0.502	ug/L #	95
51) Chlorobenzene	8.818	112	20578	0.474	ug/L	98
52) Ethylbenzene	8.950	91	26562	0.379	ug/L	99
53) m,p-Xylene	9.079	106	9476	0.363	ug/L	93
54) o-Xylene	9.481	106	8605	0.342	ug/L	86
55) Styrene	9.503	104	13714	0.322	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	6441	0.451	ug/L	95
59) Bromoform	9.670	173	3617	0.628	ug/L #	98
60) Isopropylbenzene	9.866	105	23905	0.411	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	4839	0.524	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	18578	0.399	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	17050	0.370	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	14206	0.476	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	14817	0.475	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	14355	0.517	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	930	0.506	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.583	180	10738	0.478	ug/L	93
70) 1,2,4-trichlorobenzene	13.201	180	7707	0.411	ug/L	91
71) Naphthalene	13.448	128	10168	0.375	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.680	180	6987	0.418	ug/L	98

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

