

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035605.D
 Acq On : 14 May 2024 11:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV263

Quant Time: May 15 02:36:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	260740	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	263725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	139965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72821	4.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.532	69	66600	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.056	65	31347	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.815	46	189387	49.136	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	4.246	84	159720	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	4.940	65	73729	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.956	84	293051	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.985	67	92773	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.239	98	267381	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.554	79	35004	5.253	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.024	63	156507	51.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.840%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	70420	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.557	152	103410	4.777	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	96748	4.631	ug/L	100
3) Chloromethane	1.214	50	104123	4.417	ug/L	98
5) Vinyl chloride	1.281	62	107449	4.539	ug/L	99
6) Bromomethane	1.487	94	72176	4.515	ug/L	99
8) Chloroethane	1.548	64	68998	4.507	ug/L	100
9) Trichlorofluoromethane	1.712	101	139636	4.565	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	88890	4.623	ug/L	100
12) 1,1-Dichloroethene	2.066	96	82882	4.514	ug/L	98
13) Acetone	2.153	43	140823	46.021	ug/L	96
14) Carbon disulfide	2.236	76	239287	4.684	ug/L	100
15) Methyl Acetate	2.387	43	31531	4.490	ug/L	100
16) Methylene chloride	2.445	84	116333	4.499	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	205963	4.860	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	88900	4.663	ug/L	97
19) 1,1-Dichloroethane	3.108	63	174823	4.603	ug/L	99
21) 2-Butanone	3.895	43	199200	48.374	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	97042	4.834	ug/L	98
23) Bromochloromethane	4.143	128	46024	4.716	ug/L	97
25) Chloroform	4.272	83	182885	4.604	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	98353	4.461	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	151763	4.752	ug/L	99
30) Cyclohexane	4.577	56	118650	5.142	ug/L	99
31) Carbon tetrachloride	4.731	117	131961	4.747	ug/L	99
33) Benzene	5.005	78	366135	5.047	ug/L	100
34) Trichloroethene	5.831	95	103440	4.972	ug/L	97
35) Methylcyclohexane	6.046	83	138261	5.136	ug/L	97
37) 1,2-Dichloropropane	6.091	63	93508	4.807	ug/L	99
38) Bromodichloromethane	6.429	83	123654	4.710	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	132785	5.111	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	487345	52.719	ug/L	99
42) Toluene	7.313	91	398533	5.270	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	113180	5.167	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	72340	4.748	ug/L	97
47) Tetrachloroethene	7.902	164	80824	4.923	ug/L	99
48) 2-Hexanone	8.075	43	358793	52.785	ug/L	99
49) Dibromochloromethane	8.175	129	81378	4.831	ug/L	100
50) 1,2-Dibromoethane	8.281	107	67991	4.800	ug/L	99
51) Chlorobenzene	8.812	112	262099	4.989	ug/L	99
52) Ethylbenzene	8.943	91	408661	5.176	ug/L	100
53) m,p-Xylene	9.069	106	155885	5.183	ug/L	98
54) o-Xylene	9.474	106	147526	5.183	ug/L	95
55) Styrene	9.493	104	271293	5.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	73305	4.501	ug/L	98
59) Bromoform	9.664	173	47006	4.668	ug/L	99
60) Isopropylbenzene	9.863	105	409295	5.157	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	61266	4.694	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	317026	5.077	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	323014	5.227	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	217191	5.082	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	217835	4.955	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	200439	4.911	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	13681	4.918	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	166008	5.136	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	138229	5.389	ug/L	100
71) Naphthalene	13.438	128	231546	6.279	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	134368	5.664	ug/L	99

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

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