

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035602.D
 Acq On : 14 May 2024 10:36
 Operator : SY/MD
 Sample : VSTD00560
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005260

Quant Time: May 15 02:02:43 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	237995	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74780	3.623	ug/L	0.00
7) Chloroethane-d5	1.529	69	67626	4.110	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	32976	3.722	ug/L	0.00
20) 2-Butanone-d5	3.834	46	162638	44.717	ug/L	0.00
24) Chloroform-d	4.246	84	159850	4.716	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	74182	4.630	ug/L	0.00
32) Benzene-d6	4.960	84	290560	4.347	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	90353	4.317	ug/L	0.00
41) Toluene-d8	7.239	98	269702	4.503	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	32436	4.362	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	149549	47.596	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	74059	4.568	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	97036	4.320	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	93267	4.314	ug/L	100
3) Chloromethane	1.214	50	103002	4.082	ug/L	100
5) Vinyl chloride	1.281	62	107107	4.305	ug/L	100
6) Bromomethane	1.487	94	70174	4.781	ug/L	100
8) Chloroethane	1.548	64	67749	4.407	ug/L	100
9) Trichlorofluoromethane	1.712	101	135699	4.549	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	85088	4.616	ug/L	100
12) 1,1-Dichloroethene	2.066	96	79722	4.519	ug/L	100
13) Acetone	2.153	43	118795	46.141	ug/L	100
14) Carbon disulfide	2.236	76	233898	4.275	ug/L	100
15) Methyl Acetate	2.391	43	28288	4.275	ug/L	100
16) Methylene chloride	2.445	84	94313	4.239	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	192950	4.786	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	85815	4.736	ug/L	100
19) 1,1-Dichloroethane	3.108	63	171225	4.714	ug/L	100
21) 2-Butanone	3.908	43	167042	40.934	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	89095	4.759	ug/L	100
23) Bromochloromethane	4.146	128	44818	5.194	ug/L	100
25) Chloroform	4.275	83	177986	4.960	ug/L	100
27) 1,2-Dichloroethane	5.043	62	101076	4.839	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	147255	4.818	ug/L	100
30) Cyclohexane	4.577	56	104762	3.794	ug/L	100
31) Carbon tetrachloride	4.731	117	128451	4.892	ug/L	100
33) Benzene	5.008	78	351757	4.661	ug/L	100
34) Trichloroethene	5.831	95	96787	4.837	ug/L	100
35) Methylcyclohexane	6.047	83	120100	4.131	ug/L	100
37) 1,2-Dichloropropane	6.092	63	92686	4.659	ug/L	100
38) Bromodichloromethane	6.432	83	121626	4.949	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	119486	4.552	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	467257	45.302	ug/L	100
42) Toluene	7.313	91	381637	4.872	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	106562	4.942	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	73193	5.171	ug/L	100
47) Tetrachloroethene	7.902	164	76375	4.798	ug/L	100
48) 2-Hexanone	8.075	43	347579	45.506	ug/L	100
49) Dibromochloromethane	8.175	129	79296	5.326	ug/L	100
50) 1,2-Dibromoethane	8.281	107	67196	5.055	ug/L	100
51) Chlorobenzene	8.812	112	247774	4.827	ug/L	100
52) Ethylbenzene	8.943	91	373209	4.496	ug/L	100
53) m,p-Xylene	9.072	106	146840	4.754	ug/L	100
54) o-Xylene	9.477	106	139136	4.674	ug/L	100
55) Styrene	9.493	104	256068	5.088	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	77591	4.592	ug/L	100
59) Bromoform	9.664	173	44507	5.532	ug/L	100
60) Isopropylbenzene	9.866	105	373321	4.587	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	59665	4.624	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	280725	4.311	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	290174	4.502	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	201518	4.829	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	203522	4.662	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	188064	4.844	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	12496	4.867	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	145146	4.623	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	113645	4.340	ug/L	100
71) Naphthalene	13.438	128	161655	4.266	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	108480	4.640	ug/L	100

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

