

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040601.D
 Acq On : 06 Mar 2024 13:36
 Operator : JC/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010663

Quant Time: Mar 07 01:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/11/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	149373	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	141478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12589	10.336	ug/L	0.00
7) Chloroethane-d5	1.666	69	10100	11.035	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	6207	11.652	ug/L	0.00
21) 2-Butanone-d5	4.458	46	19409	18.334	ug/L	0.00
24) Chloroform-d	5.056	84	23058	10.578	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	18135	12.472	ug/L	0.00
32) Benzene-d6	5.976	84	42184	9.544	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	13008	9.193	ug/L	0.00
41) Toluene-d8	8.647	98	41585	10.276	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6590	9.085	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13578	16.413	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	19231	9.514	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	14826	10.923	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	12595	10.317	ug/L	100
3) Chloromethane	1.301	50	10775	8.755	ug/L	93
5) Vinyl chloride	1.374	62	11799	9.534	ug/L	95
6) Bromomethane	1.611	94	6823	10.182	ug/L	88
8) Chloroethane	1.691	64	7076	9.990	ug/L	88
9) Trichlorofluoromethane	1.886	101	17153	10.624	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9503	9.304	ug/L	98
12) 1,1-Dichloroethene	2.319	96	8208	8.616	ug/L	94
13) Acetone	2.380	43	14109	14.786	ug/L	97
14) Carbon disulfide	2.508	76	23741	7.976	ug/L #	92
15) Methyl Acetate	2.703	43	11281	8.054	ug/L	100
16) Methylene chloride	2.788	84	9534	8.789	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	8656	8.708	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	29563	8.470	ug/L	100
19) 1,1-Dichloroethane	3.617	63	16932	8.576	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	9451	8.222	ug/L	97
22) 2-Butanone	4.556	43	18742m	15.796	ug/L	
23) Bromochloromethane	4.904	128	5044	9.195	ug/L #	81
25) Chloroform	5.093	83	19530	9.710	ug/L	90
27) 1,2-Dichloroethane	6.092	62	16962	10.395	ug/L	97
29) Cyclohexane	5.477	56	14047	7.407	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	16425	9.511	ug/L	96
31) Carbon tetrachloride	5.678	117	13040	9.040	ug/L	100
33) Benzene	6.037	78	35523	8.153	ug/L	100
34) Trichloroethene	7.123	95	10444	8.882	ug/L	96
35) Methylcyclohexane	7.379	83	14768	7.733	ug/L	96
37) 1,2-Dichloropropane	7.434	63	9309	7.760	ug/L	99
38) Bromodichloromethane	7.824	83	13631	9.013	ug/L #	89
39) cis-1,3-Dichloropropene	8.366	75	14659	7.581	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	30793	15.258	ug/L	100
42) Toluene	8.720	91	38820	8.325	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	14173	7.836	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040601.D
 Acq On : 06 Mar 2024 13:36
 Operator : JC/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010663

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2024
 Supervised By : Mahesh Dadoda 03/11/2024

Quant Time: Mar 07 01:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	10072	8.955	ug/L	95
46) Tetrachloroethene	9.275	164	7667	9.716	ug/L	96
48) 2-Hexanone	9.433	43	26265	15.648	ug/L	97
49) Dibromochloromethane	9.519	129	9406	8.474	ug/L	96
50) 1,2-Dibromoethane	9.610	107	9855	8.168	ug/L #	97
51) Chlorobenzene	10.079	112	25026	8.646	ug/L	98
52) Ethylbenzene	10.195	91	44337	8.448	ug/L	98
53) m,p-Xylene	10.299	106	16073	8.244	ug/L	91
54) o-Xylene	10.640	106	15315	8.182	ug/L	96
55) Styrene	10.659	104	26241	8.166	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	15478	7.984	ug/L	99
59) Bromoform	10.799	173	7087	8.559	ug/L	99
60) Isopropylbenzene	10.963	105	42895	8.468	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	13177	8.712	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	34109	7.983	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	33286	7.907	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	19077	8.923	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	19668	9.029	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	18727	9.073	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3710	8.004	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.109	180	12180	8.454	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	11196	8.164	ug/L	99
71) Naphthalene	13.774	128	33833	7.301	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	10865	8.169	ug/L	98

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

