

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042173.D
 Acq On : 03 Jul 2024 19:28
 Operator : JC/MD
 Sample : VSTD00506
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005606

Quant Time: Jul 04 04:46:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	288503	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	260344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	8664	5.269	ug/L	0.00
7) Chloroethane-d5	1.648	69	5691	4.842	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	3782	4.766	ug/L	0.00
21) 2-Butanone-d5	4.483	46	12755m	10.592	ug/L	0.02
24) Chloroform-d	5.056	84	17469	4.924	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	10615	4.252	ug/L	0.00
32) Benzene-d6	5.977	84	35176	4.991	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	10322	4.890	ug/L	0.00
41) Toluene-d8	8.653	98	32768	4.525	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	3968	3.835	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	8269	8.459	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	15287	4.647	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	13079	5.107	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	10686	5.327	ug/L	98
3) Chloromethane	1.301	50	11071	6.245	ug/L	98
5) Vinyl chloride	1.374	62	10641	5.885	ug/L	94
6) Bromomethane	1.593	94	5740	4.761	ug/L	99
8) Chloroethane	1.666	64	5769	5.665	ug/L	99
9) Trichlorofluoromethane	1.874	101	14330	4.701	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	9657	5.182	ug/L	99
12) 1,1-Dichloroethene	2.307	96	8911	5.329	ug/L	96
13) Acetone	2.392	43	9113	7.769	ug/L	99
14) Carbon disulfide	2.502	76	20682	5.076	ug/L	98
15) Methyl Acetate	2.709	43	11098	5.316	ug/L	99
16) Methylene chloride	2.788	84	12607	6.697	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	9360	5.456	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	30301	5.212	ug/L	99
19) 1,1-Dichloroethane	3.611	63	16894	5.333	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	11150	5.592	ug/L	93
22) 2-Butanone	4.581	43	13678	8.987	ug/L #	70
23) Bromochloromethane	4.910	128	5580	5.242	ug/L	92
25) Chloroform	5.099	83	17488	5.134	ug/L	99
27) 1,2-Dichloroethane	6.092	62	13208	4.758	ug/L	95
29) Cyclohexane	5.471	56	14087	4.877	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	14719	4.873	ug/L	98
31) Carbon tetrachloride	5.678	117	12113	4.533	ug/L	99
33) Benzene	6.038	78	38151	5.226	ug/L	100
34) Trichloroethene	7.129	95	10044	5.054	ug/L	91
35) Methylcyclohexane	7.373	83	13873	4.511	ug/L	94
37) 1,2-Dichloropropane	7.434	63	9676	5.241	ug/L	98
38) Bromodichloromethane	7.824	83	11325	4.608	ug/L	99
39) cis-1,3-Dichloropropene	8.373	75	12914	4.285	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	26850	9.181	ug/L	99
42) Toluene	8.720	91	40046	5.031	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	11254	4.035	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	10203	5.002	ug/L	99
46) Tetrachloroethene	9.275	164	9043	4.747	ug/L	96
48) 2-Hexanone	9.433	43	20640	8.927	ug/L	98
49) Dibromochloromethane	9.525	129	9545	4.644	ug/L	93
50) 1,2-Dibromoethane	9.610	107	10849	5.119	ug/L	96
51) Chlorobenzene	10.080	112	27621	5.209	ug/L	98
52) Ethylbenzene	10.195	91	42815	4.923	ug/L	94
53) m,p-Xylene	10.305	106	16911	4.788	ug/L	100
54) o-Xylene	10.640	106	17071	4.744	ug/L	98
55) Styrene	10.659	104	26804	4.462	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	16855	5.008	ug/L	98
59) Bromoform	10.799	173	7684	5.129	ug/L	97
60) Isopropylbenzene	10.964	105	42038	5.403	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	12703	5.832	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	30686	5.671	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	32095	5.024	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	20557	5.161	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	20916	5.206	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	21992	5.388	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	2809	4.782	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	13814	4.576	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	12325	4.527	ug/L	98
71) Naphthalene	13.774	128	38867	4.829	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	13578	4.873	ug/L	98

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

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