

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040960.D
 Acq On : 10 Apr 2024 17:15
 Operator : JC/MD
 Sample : VSTD10071
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100671

Quant Time: Apr 11 05:28:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:26:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2024
 Supervised By : Mahesh Dadoda 04/11/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	289163	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	275769	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	163121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	208629	101.437	ug/L	0.00
7) Chloroethane-d5	1.660	69	173829m	103.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	89841	102.313	ug/L	0.00
21) 2-Butanone-d5	4.452	46	214873	191.792	ug/L	0.00
24) Chloroform-d	5.056	84	392373	102.245	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	246008	98.551	ug/L	0.00
32) Benzene-d6	5.970	84	758996	101.380	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	222349	101.832	ug/L	0.00
41) Toluene-d8	8.647	98	736767	100.732	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	118574	107.912	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	200722	217.358	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	335583	103.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	335687	102.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	200379	105.236	ug/L	99
3) Chloromethane	1.301	50	192470	106.484	ug/L	98
5) Vinyl chloride	1.374	62	224432	103.328	ug/L	98
6) Bromomethane	1.599	94	139368	106.127	ug/L	98
8) Chloroethane	1.685	64	143831	106.423	ug/L	96
9) Trichlorofluoromethane	1.886	101	356079	104.053	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	203287	103.945	ug/L	100
12) 1,1-Dichloroethene	2.319	96	181040	104.226	ug/L	96
13) Acetone	2.380	43	232436	191.415	ug/L	99
14) Carbon disulfide	2.514	76	463460	106.174	ug/L	100
15) Methyl Acetate	2.703	43	216381	102.645	ug/L	99
16) Methylene chloride	2.788	84	191327	105.680	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	186634	103.801	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	603060	106.857	ug/L	99
19) 1,1-Dichloroethane	3.611	63	332548	104.132	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	215853	105.373	ug/L	98
22) 2-Butanone	4.550	43	338140	212.733	ug/L	98
23) Bromochloromethane	4.904	128	116684	104.777	ug/L	96
25) Chloroform	5.093	83	364893	104.259	ug/L	100
27) 1,2-Dichloroethane	6.086	62	290817	103.382	ug/L	99
29) Cyclohexane	5.471	56	296459	107.309	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	326038	105.500	ug/L	100
31) Carbon tetrachloride	5.678	117	300991	106.877	ug/L	100
33) Benzene	6.038	78	742156	103.728	ug/L	100
34) Trichloroethene	7.123	95	213134	103.843	ug/L	99
35) Methylcyclohexane	7.379	83	310296	106.601	ug/L	99
37) 1,2-Dichloropropane	7.428	63	193376	104.415	ug/L	100
38) Bromodichloromethane	7.818	83	274455	105.711	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	331014	109.398	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	611676	218.085	ug/L	99
42) Toluene	8.720	91	827660	104.456	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	313503	110.869	ug/L	100

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45) 1,1,2-Trichloroethane	9.153	97	211556	105.165	ug/L	98
46) Tetrachloroethene	9.275	164	202373	104.690	ug/L	97
48) 2-Hexanone	9.427	43	486887	214.874	ug/L	98
49) Dibromochloromethane	9.519	129	248408	109.487	ug/L	99
50) 1,2-Dibromoethane	9.610	107	229757	105.873	ug/L	98
51) Chlorobenzene	10.079	112	579695	104.396	ug/L	99
52) Ethylbenzene	10.189	91	959978	106.781	ug/L	98
53) m,p-Xylene	10.299	106	384257	107.197	ug/L	97
54) o-Xylene	10.640	106	372789	107.840	ug/L	99
55) Styrene	10.653	104	651881	109.686	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	333545	107.019	ug/L	99
59) Bromoform	10.799	173	219349	109.569	ug/L	100
60) Isopropylbenzene	10.963	105	1003184	105.196	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	258517	103.788	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	836323	108.784	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	840672	108.635	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	531120	106.141	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	536599	104.460	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	513933	105.875	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	78434	110.109	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	407192	106.257	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	395244	108.838	ug/L	99
71) Naphthalene	13.774	128	1122932	112.838	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	378964	106.404	ug/L	99

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

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