

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041724\
 Data File : VX041124.D
 Acq On : 17 Apr 2024 14:14
 Operator : JC/MD
 Sample : VSTD10077
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100677

Quant Time: Apr 18 01:28:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 01:26:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/18/2024
 Supervised By : Mahesh Dadoda 04/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	304073	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	160189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	218993	100.650	ug/L	0.00
7) Chloroethane-d5	1.648	69	106966	100.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	92693	99.440	ug/L	0.00
21) 2-Butanone-d5	4.471	46	252036	202.914	ug/L	0.00
24) Chloroform-d	5.056	84	411865	102.842	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	252068	99.048	ug/L	0.00
32) Benzene-d6	5.970	84	823307	101.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	237305	100.856	ug/L	0.00
41) Toluene-d8	8.647	98	766992	100.584	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	116102	110.302	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	204844	214.434	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	352157	102.584	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	346087	100.463	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	193687	101.801	ug/L	100
3) Chloromethane	1.300	50	184416	101.254	ug/L	100
5) Vinyl chloride	1.374	62	201299	102.578	ug/L	100
6) Bromomethane	1.599	94	103578	100.726	ug/L	100
8) Chloroethane	1.666	64	74798m	101.852	ug/L	
9) Trichlorofluoromethane	1.855	101	290100	98.587	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	203872	102.287	ug/L	99
12) 1,1-Dichloroethene	2.306	96	175866	103.279	ug/L	99
13) Acetone	2.398	43	196480	197.214	ug/L	99
14) Carbon disulfide	2.495	76	372945	112.547	ug/L	100
15) Methyl Acetate	2.709	43	215623	101.883	ug/L	100
16) Methylene chloride	2.782	84	193568	103.050	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	178721	103.866	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	618879	104.477	ug/L	100
19) 1,1-Dichloroethane	3.605	63	342192	104.368	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	215103	104.864	ug/L	98
22) 2-Butanone	4.568	43	308347	206.712	ug/L	97
23) Bromochloromethane	4.903	128	114027	106.769	ug/L	97
25) Chloroform	5.092	83	367180	104.242	ug/L	98
27) 1,2-Dichloroethane	6.086	62	286451	103.051	ug/L	99
29) Cyclohexane	5.458	56	297726	104.873	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	322934	105.478	ug/L	99
31) Carbon tetrachloride	5.672	117	283925	107.873	ug/L	99
33) Benzene	6.031	78	752486	102.234	ug/L	100
34) Trichloroethene	7.123	95	204348	102.560	ug/L	98
35) Methylcyclohexane	7.379	83	320008	105.673	ug/L	99
37) 1,2-Dichloropropane	7.427	63	197801	103.633	ug/L	100
38) Bromodichloromethane	7.818	83	262658	107.658	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	320378	110.185	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	597899	210.790	ug/L	98
42) Toluene	8.714	91	819917	103.292	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	297283	112.251	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	211834	102.973	ug/L	99
46) Tetrachloroethene	9.275	164	196891	103.208	ug/L	98
48) 2-Hexanone	9.433	43	466876	211.941	ug/L	98
49) Dibromochloromethane	9.518	129	231422	110.747	ug/L	99
50) 1,2-Dibromoethane	9.610	107	224561	104.805	ug/L	100
51) Chlorobenzene	10.079	112	564369	102.006	ug/L	100
52) Ethylbenzene	10.195	91	929921	105.145	ug/L	98
53) m,p-Xylene	10.299	106	370055	105.694	ug/L	97
54) o-Xylene	10.640	106	370168	105.567	ug/L	97
55) Styrene	10.652	104	627620	107.561	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	338643	103.102	ug/L	99
59) Bromoform	10.799	173	200921	111.057	ug/L	99
60) Isopropylbenzene	10.963	105	978417	103.555	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	258449	97.864	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	815753	105.739	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	819748	106.831	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	499562	103.625	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	496273	100.913	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	508275	101.665	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	72946	108.234	ug/L	87
69) 1,3,5-Trichlorobenzene	13.109	180	394999	105.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	368735	108.917	ug/L	99
71) Naphthalene	13.774	128	1081191	111.269	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	380533	107.668	ug/L	100

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

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